MCS Operator's Manual

Mercedes-Benz

Order no. 6515 6666 13 Part no. 163 584 06 96 USA Edition B 10/02

Welcome to MCS!

Please make yourself familiar with your MCS control unit and read the instructions in this manual before operating the MCS system. This will help you derive a greater benefit from the system. Please also follow the instructions and warnings contained in this manual. Ignoring them could result in damage to the vehicle or personal injury to you or others.

Your MCS system may have some or all of the equipment described in this manual. Therefore, you may find explanations for optional equipment not installed in your vehicle. If you have any questions about the operation of any equipment, your authorized Mercedes-Benz Center will be glad to demonstrate the proper procedures.

We continuously strive to improve our product and ask for your understanding that we reserve the right to make changes in design and equipment. Therefore, information, illustrations and descriptions in this manual might differ from the equipment installed in your vehicle. As such, the information, illustrations and descriptions contained in this manual may not be reasonably relied upon in making any claims with respect to the actual performance of the product.

These operating instructions form an integral part of the vehicle and should therefore always be kept inside the vehicle and passed on to the new owner if the vehicle is sold.

We extend our best wishes for many miles of safe, pleasurable driving.

Mercedes-Benz USA, LLC

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Where to find it

This Operator's Manual is designed to provide support information for you, the MCS operator. Each chapter has its own guide color to provide fast access to information.

At a glance

This chapter will give you an overview of all MCS control elements and system components. If you are operating MCS for the first time or if you have rented or borrowed the vehicle, this is the chapter you should read first.

Audio

Here you will find detailed information on how to use the radio, cassette player, single CD player*, CD changer* and adjust the audio system settings.

Telephone*

Here you can learn in detail about the many functions of the telephone, how to initiate an emergency call and use service numbers.

Navigation*

This chapter provides detailed information on the following topics:

- Destination input
- Route selection and calculation
- Route guidance
- Destination memory

Info Services* and system settings

This chapter provides information on how to:

- Request and display info services such as news, weather, stocks and sports
- Adjust MCS system settings.

Directories

The table of contents and index will help you to quickly locate the information you need.

Symbols

Symbols

You will find the following symbols in these operating instructions:

* An asterisk identifies optional equipment. Since the MCS will vary according to the items ordered with it, certain descriptions and illustrations may be different.

Warning

Warning notices draw your attention to hazards that may endanger your health or life, or the health or life of others.

Highlights hazards that may result in damage to your MCS

Helpful hints or additional information you may find useful.

- ▶ This symbol points to instructions for you to follow.
- ▶ A number of these symbols appearing in succession indicates a multiple-step procedure.

(▷ page 7) This symbol tells you where to look for additional information on a subject.

▷▷ The continuation symbol marks an interrupted procedure which will be continued on the next page.

`Display` Words appearing in the MCS display are printed in the type shown here.

Operating safety

Warning

Any alterations made to electronic components and the software can cause malfunctions.

The radio, amplifier, CD player*, CD changer*, and telephone* are interconnected. When one of the components is not operational or has not been removed/replaced properly, the function of other components may be impaired.

This condition might seriously impair the operating safety of your vehicle.

We recommend that you have any service work on electronic components carried out by an authorized Mercedes-Benz Center.

Warning

In order to avoid distraction, which could lead to an accident, system settings should be entered with the vehicle at a standstill. The driver should only operate the system when traffic conditions permit.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your car is covering a distance of 50 feet (approximately 14 m) every second.

MCS supplies you with the information to help you select your route more easily and guide you conveniently and safely to your destination. For safety reasons, we encourage the driver to stop the vehicle in a safe place before answering or placing a call, or consulting the MCS screen to read navigational maps, instructions, or downloaded information.

While the navigation system* provides directional assistance, the driver must remain focused on safe driving behavior, including attention to traffic and street signs, and should utilize the system's audio cues while driving.

The navigation system* does not supply any information on stop signs, yield signs, traffic regulations or traffic safety rules. This always remains your personal responsibility when you drive. DVD maps do not cover all areas nor all routes within an area.

MCS control unit

MCS control unit

	Function	Page
1	Switches the radio operation on	30
2	Color display	
3	Delete the last input, return to previous screen	
4	Press to: Open and close the control panel Cassette compartment and CD/DVD slot are located behind control panel	 40, 51
5	Press to: Switch the MCS on and off Turn to: Adjust the volume of an audio source, or navigation voice prompt during active route guidance announcement.	 14 16

	Function	Page
6	Radio operation: Selecting a station Saving stations manually CD operation: Selecting a track or CDs Telephone: Entering the unlock code Entering the telephone number	 34 36 58, 59 72 74
7	Joystick: Activates equipment functions and submenus via menu fields Pressing ENT: Confirms a selection	
8	Switches the navigation* system on Activates the navigation menu	90

	Function	Page
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14	Switches info service* operation on	138
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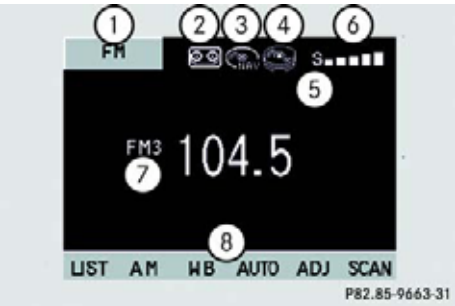
16	Switches tape operation on	44

Display screen

Main menu structure



Main radio display

1 Active system/function display field
2 Inserted cassette icon
3 Inserted navigation DVD or audio CD icon
4 Inserted CD changer icon
5 Telephone roaming indicator
6 Telephone signal strength meter
7 Selected station preset / CD
8 Softkey menu

Active system / function display field

System	Meaning
Display	
FM	FM radio band selected
AM, WB	AM radio band or Weather Band WB selected
CD	Single CD player selected
CHANGER	CD changer selected
INFO SERVICE	Info service selected
PHONE	Telephone selected
TAPE	Tape selected
Roaming indicator	
S	Signal in home network
R	Roaming
R (highlighted)	Roaming on non-home type system

Warning messages

Display is too hot

If the display is too hot, the message "DISPLAY IS TOO HOT..." will briefly appear.

To protect the display from damage, the light shuts off. As soon as the display reaches normal operating temperatures, it turns on automatically.

Anti-theft system

If the power supply to the MCS has been interrupted, the message "PLEASE ENTER SECURITY CODE" will be displayed the next time the MCS unit is switched on.

Use the number keypad to enter your five digit security code and press the softkey "OK" to confirm. The MCS unlocks and normal operation is enabled.

Quick reference MCS

This section only provides a brief overview of the MCS. Please read all instructions carefully before operating the unit to ensure your complete understanding and to obtain the best possible performance from the system.

For detailed information, please refer to the pages indicated and the respective system chapters.

Switching the MCS operating unit on and off

Switching on

▶ Press the rotary/push-button **1**.

or

▶ Turn the key in the steering lock to position 1 or 2 if the MCS has been switched off by turning the key in the steering lock to position 0 or removed.

The MCS will switch on the last active source and display the corresponding menu.

Switching off

▶ Press the rotary/push-button **1**.

or

▶ Turn the key in the steering lock to position 0.

or

▶ Remove the key.

The MCS switches off.

The navigation system was the last system used*

The menu displayed will vary according to the last navigation function used.

If route guidance was active, you will see:

- the basic guidance display or
- the map

If the MCS is switched off for more than 30 minutes during active route guidance, all manually entered traffic jams and detours are deleted. Selecting a detour (▷ page 119).

If destination input was active, the main destination input menu appears.

Switching another system on

▶ Press a system key, e.g. RADIO.

The main radio menu will appear.

Adjusting the volume

▶ Turn the rotary/push-button.

For the audio sources

- Radio
- Tape
- CD* (single CD and CD changer)

you can set the volume jointly.

For the service source

- Telephone*

you can alter the listening volume for the telephone only.

For the service sources

- Voice output during route guidance (navigation system)

  and

- Voice Control System (refer to separate operating instruction)

you can set the volume jointly.

> The volume of the navigation voice prompt can only be adjusted during active route guidance. Turn the rotary push button during an announcement, or press Navi Voice to repeat the current/last voice instruction and turn the rotary push button during the announcement.
>
> During an announcement, the volume is lowered automatically.

Radio Operation

Switching on

▶ Press RADIO.

The radio is switched on. The station last tuned to will begin to play.

Changing the radio band

▶ Press the softkey ● “AM”, “FM” or “WB”.

Selecting a station

Automatic seek tuning

▶ Push the joystick to ⏮ or ⏭.

In the FM-, AM-, Weather Band WB, the radio will tune in to the next receivable station (FM/AM) or channel (WB) with descending/ascending frequency.

Switching another system on

▶ Press any system key, e.g. TAPE.

The MCS will switch to tape operation.

Refer to (▷ page 26) “Radio operation” for additional information.

Tape operation

Switching on

▶ Press TAPE.

The main tape menu will be displayed and playback begins.

Inserting a cassette into the cassette compartment (▷ page 40).

Music search

▶ Push the joystick to ⏮/⏭.

The tape will wind to the beginning of the current track, to the previous track or to the next track.

Refer to (▷ page 38) “Tape operation” for additional information.

CD operation*

Switching on

▶ Press CD.

The main CD menu will be displayed. CD playback will begin automatically depending on the CD player selected.

- Single CD player. The first track on the CD is played.
- CD changer. The first track on the first CD detected in the magazine is played.

Inserting a CD into the CD drive and inserting CDs in the CD changer (▷ page 51).

Track select

▶ Push the joystick to ⏮/⏭.

The beginning of the current track, the previous track, or the next track will be played.

Selecting a CD from the CD changer

▶ Activate the CD changer.

▶ Press one of the number keys.

Keys 1 - 6 MNO select the corresponding magazine slot of the CD changer.

The message “Loading CD...” appears on the display. Playback begins with track 1.

CD track scan

▶ Press the softkey ● “SCAN”.

The tracks on the CD are played one after the other for 8 seconds each.

▶ Press the highlighted softkey ● “SCAN” to cancel the function.

Refer to (▷ page 48) “CD operation” for additional information.

Telephone operation*

Switching on

▶ Press TEL.

The unlock code menu will appear.

Timeport phones use a three-digit code. V60 phones use a four-digit code. The head unit will unlock the phone using the first three digits of the four-digit V60 unlock code.

Entering the unlock code

▶ Use the number keys from 1 to 0 OPER to enter the unlock code.

Asterisks instead of digits appear in the input line.

If the code entered is correct and the phone is registered in a network, the phone is ready for use.

Outgoing call

Enter a telephone number

▶ Use the number keys from 1 to 0 OPER to enter the telephone number.

The menu changes when the first digit is entered.

Begin dialing

▶ If you have entered the correct number, press SEND.

Dialing will begin. If the phone number and name are stored in the phone book, the name appears on the screen.

The active audio source will switch to mute.

Conducting a call

When the call is initiated, the call time will be displayed.

Ending a call

▶ Press END.

Refer to (▷ page 68) “Telephone mode” for additional information.

Navigation system*, entering a destination and calculating a route

Switching the navigation system on

Main destination input menu

▶ Press NAVI MENU.

If the navigation system has not been booted, the navigation startup screen appears during the software loading process.

The navigation menu displayed will vary according to the last navigation function used.

If route guidance was switched off, the main navigation menu is displayed.

Entering destination address

- Press NAVI MENU.

- Use the joystick to select "INPUT DESTINATION" and press ENT.

The Find Destination by menu appears.

▶ Use the joystick to select "Address" and press ENT.

To find the addresses, select:

- "Street Name", to search for the address by street name and number.
- "City Name", to search for the address in a specific city.
- "Change State", to search for the address in a different state.
- "Change Province", to search for the address in a different province.

▶ Use the joystick to select the desired method and press ENT.

If you have entered the state or the province and you know the city name, start your search using the city name. This will save time versus starting a search where you use the street name.

Changing the state or province

The input screen appears showing the current state or province.

▶ If you want to choose another state or province, use the joystick to select it and press ENT.

The new state or province is selected.

Entering a city name

The input screen appears. If you have selected the city name menu, the current city name appears.

1 Text window
2 Keypad
3 List button
4 Delete button
5 Space button

- If you want to choose another city, use the joystick to select the first character of the city name from the keypad **2** and press ENT.

  The character appears in the text window **1**.
- To enter more characters, repeat above step.

  If a character is not available, it will automatically be shaded out.
- To correct the last character, use the joystick to select "Delete" **4** and press ENT.
- When you have entered the city name, use the joystick to select "List" **3** and press ENT.

or

- Use the joystick to enter the first few characters of the city name, select "List" **3** and press ENT.
- Select the desired city name from the name list and press ENT.
- The Input Street Name menu appears.

Entering a street name

The input screen appears.

1 Text window
2 Keypad
3 List button
4 Delete button
5 Space button

- To enter the street name, use the joystick to select the first character from the keypad **2** and press ENT.

  The character will appear in the text window **1**.
- To enter more characters, repeat above step.

  If a character is not available, it will automatically be shaded out.
- To correct the last character, use the joystick to select "Delete" **4** and press ENT.
- When you have entered the street name, use the joystick to select "List" **3** and press ENT.

or

- Use the joystick to enter the first few characters of the street name, select "List" **3** and press ENT.
- Use the joystick to select the desired street name from the name list and press ENT.
- The Address Number menu appears.

Entering an address number

The input screen appears if you have entered the street name and the address numbers for this street are stored on the navigation DVD.

- Use the joystick to select the first number of the desired address number and press ENT.

  The character will appear in the number window.
- To enter more characters, repeat the above step.

Numbers can also be entered using the number keypad.

If a character is not available, it will automatically be shaded out. Use “N”, “E”, “W” or “S” only if the address number contains such a character. The MCS will automatically differentiate north, east, west and south street names.

- To correct the last character, use the joystick to select “Delete” and press ENT.
- When the address number is displayed, use the joystick to select “Done” and press ENT.

  If the city name was not previously entered, the City Name menu will appear.

- Once you have entered the complete address, the Confirm Destination menu appears.
- Use the joystick to select “OK to Proceed” and press ENT.

  The MCS begins calculating the route.

Radio operation
Tape operation
CD operation
Audio Adjustment

Radio operation

Radio operation

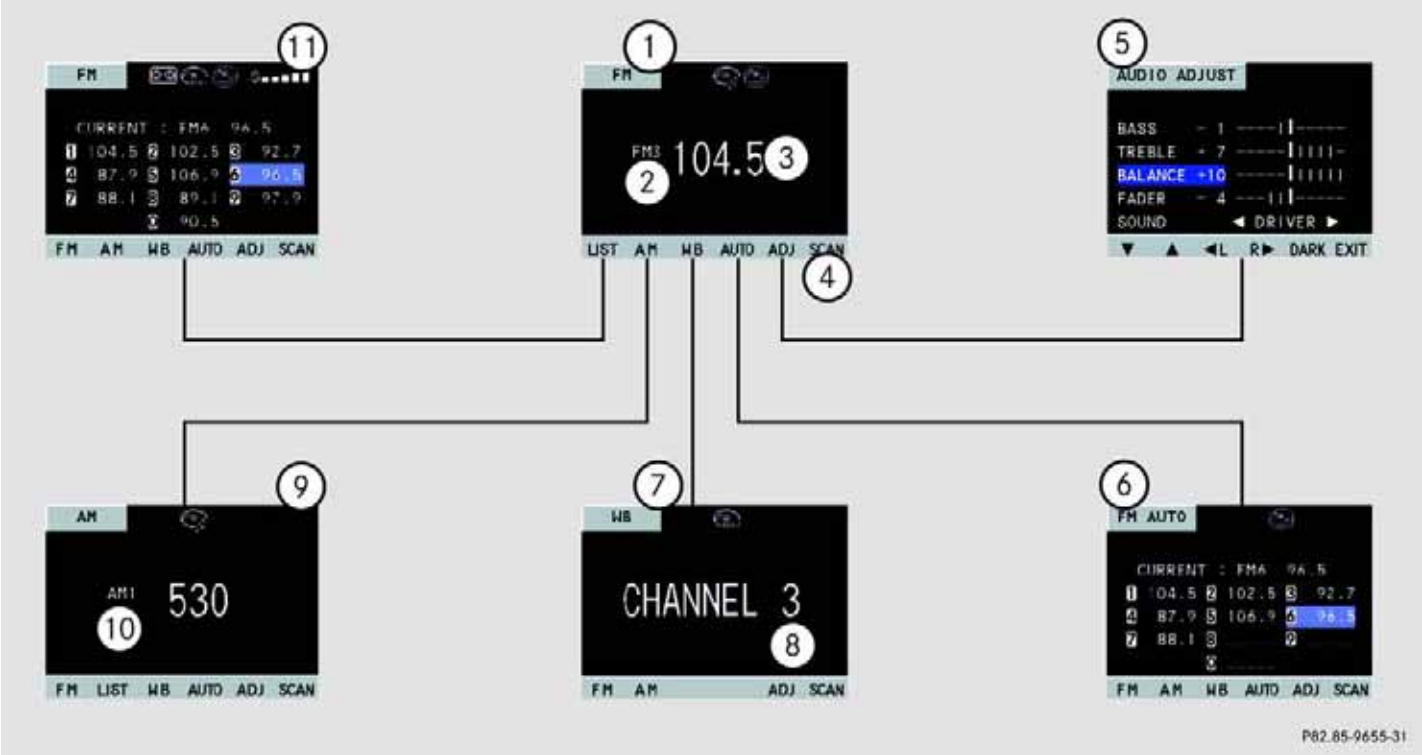
Quick reference

	Function	Page
1	Switches radio operation on	30
2	Color display	
3	Press to: Switch the MCS on and off	14
	Turn to: Adjust the volume	16
4	Selecting a station (presets)	
	Selecting a station via direct frequency entry	
	Saving a station	36
	Selecting a station from the preset menu FM/AM	34
	Selecting a station from the WB preset menu	37

	Function	Page
5	Joystick	
	▶▶|: Automatic seek tuning, ascending	33
	|◀◀: Automatic seek tuning, descending	33
	▲: Manual tuning, ascending	33
	▼: Manual tuning, descending	33
6	Softkeys	
	“LIST”: Preset menu	37
	“AM”, “FM”: Changing radio band	31
	“WB”: Weather Band	32
	“AUTO”: Automatically saves stations	33
	“ADJ”: Audio adjustment	63
	“SCAN”: Scan	35

Radio operation

Menu overview



	Function	Page
1	Main radio menu, FM	
2	Currently selected frequency band (FM) and memory preset (such as 1)	
3	Current frequency	
4	Scan function	35
5	Main Audio Adjust menu Audio Adjustment	63
6	Auto store menu	37
7	Main Weather Band (WB) menu	32
8	Current weather channel selected	
9	Main AM radio menu	
10	Current frequency band (AM) and memory preset selected (e.g. 1)	
11	Preset menu	37

Radio operation

This chapter will provide detailed information on:

- Radio operation
- Tape operation
- CD operation* and
- Sound adjustments

If you have not done so already, please familiarize yourself with these functions by reading the “At a glance” chapter.

Switching radio operation on

Main FM radio menu

▶ Press RADIO.

The radio is switched on and the station last tuned to will begin to play.

You can operate the telephone and the navigation system while the radio is on.

Switching another system on

▶ Press any system key, e.g. TAPE.

MCS will switch to the tape mode.

Changing the Radio band

You can select between FM-, AM- and WB-Band.

Frequency band	Frequency range
FM	87.5 - 108.0 FM
AM	530 - 1710 AM

FM Band

▶ Press the softkey ● "FM". "FM" is displayed in the upper left hand corner of the display.

The FM station last tuned to begins to play and the frequency appears in the display.

AM Band

▶ Press the softkey ● "AM". "AM" is displayed in the upper left hand corner of the display.

The AM station last tuned to begins to play and the frequency appears in the display.

Weather Band WB

▶ Press the softkey ● "WB". "WB" is displayed in the upper left hand corner of the display.

The channel last tuned to will appear in the display.

If a weather band station cannot be received on this channel, an automatic search of all 7 channels will take place. As soon as you receive a weather band, the search will stop and the channel appears in the display. The automatic search performs two cycles through the 7 channels.

Message "WB NOT AVAILABLE"

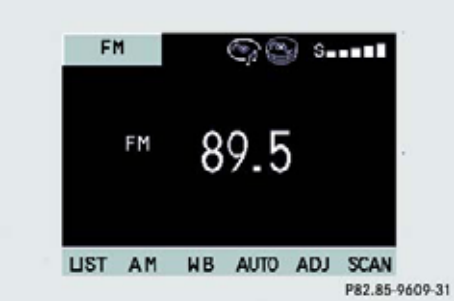
A weather band station cannot be received on any of the 7 channels.

Selecting a station

The following functions are available to select a station:

- Automatic seek tuning (▷ page 33)
- Manual tuning (▷ page 33)
- Station selection using number keypad (presets) (▷ page 34)
- Station selection using direct frequency entry (▷ page 34)
- Automatic station scan (▷ page 35)
- Station selection from the preset menu (▷ page 37)

Automatic seek tuning



- Push the joystick to ▶▶|.

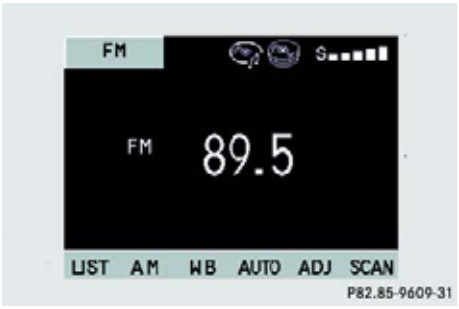
  The next receivable ascending frequency is tuned in and begins to play. The station frequency appears on the screen.

- Push the joystick to |◀◀.

  The next receivable descending frequency is tuned in and begin to play. The station frequency appears on the screen.

The MCS needs about 10 seconds to seek through the entire band. If you cannot receive a station, activate another radio function to stop the seek function.

Manual tuning (FM, AM)



- Push the joystick to ▲.

  The frequency displayed ascends in increments of 200 kHz (FM) or 10 kHz (AM). This process begins slowly and then gradually increases.

- Push the joystick to ▼.

  The frequency displayed descends in increments of 200 kHz (FM) or 10 kHz (AM). This process begins slowly and then gradually increases.

Station selection using the number keypad (presets)

FM- and AM-Bands

▶ Press one of the number keys, such as 3 DEF.

The radio tunes to the frequency assigned to that memory location. If you have not saved a station to the memory location, the radio does not change frequencies.

FM and AM presets are independent. You can access them only if you are in the corresponding band.

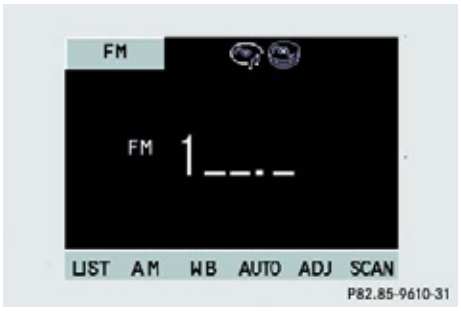
Saving stations for FM and AM (▷ page 36).

Weather Band WB

▶ Tune the radio to the selected channel.

The memory preset number appears in the status line.

Station selection using the direct frequency entry (FM, AM)



▶ Press ZOOM -.

Input line appears in the main radio menu.

▶ Use the number keys to enter the desired frequency within 8 seconds, e.g. 1 | 0 OPER | 2 ABC | 7 PQRS for 102.7 FM.

The station you have selected begins to play.

If you do not make another entry within 8 seconds, the function cancels.

A frequency entered outside the allowable input range will not be accepted.

Automatic station scan

The stations on the bands (FM/AM/WB) can be scanned in succession for 8 seconds each.

▶ Press the softkey ● "SCAN".

The scan function will begin. "SCAN" is highlighted.

Weather Band WB

The 7 individual weather channels stored in memory are scanned in succession.

The scan function stops automatically when the first station received has been scanned twice.

Ending the scan function

▶ Press the softkey ● "SCAN".

The station selected appears and the station frequency is displayed.

Memory functions

The following memory functions are available:

- Saving FM, AM stations manually (▷ page 36)
- Saving FM, AM stations automatically (▷ page 37)
- Selecting a station from the FM/AM preset menu (▷ page 37)
- Selecting channels from the WB preset menu (▷ page 37)

Saving stations manually (FM, AM)

In the main radio menu

▶ Select the AM- or the FM-Band (▷ page 31).

▶ Press one of the number keys, e.g. 3 DEF, longer than 2 seconds.

You will hear a confirmation beep.

The radio saves the current station at the memory preset selected. The memory preset selected appears in the status line, e.g. “FM3”.

There are 10 presets available for each band (FM & AM).

An existing entry is overwritten in the memory list when a new input is given.

Two presets available for the FM/AM wavebands:

- Standard FM/AM preset (saving stations manually)
- Auto preset (saving stations automatically).

The standard FM/AM presets are not affected by the Auto store presets. This is a second possibility for storing stations.

Saving (FM, AM) stations automatically

If the FM/AM main radio menu is displayed.

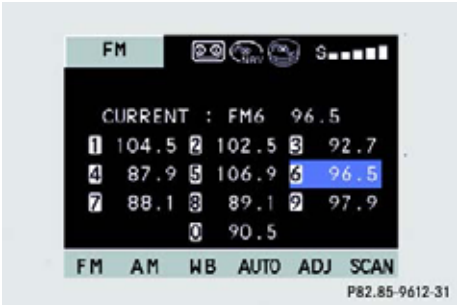
- Press the softkey ● "AUTO" for longer than two seconds.

  The radio stores the 10 strongest stations. The station frequencies available will appear in the memory list.

  While the stations are being stored "AUTO STORE IN PROGRESS" appears in the display.

Selecting a (FM, AM) station from the preset menu

You can view the preset menu with all the preset positions.



- To view the preset menu, press the softkey ● "LIST".
- To select a desired station, press one of the number keys, e.g. 6 MNO.
- To exit the preset menu, press the softkey ● "FM" or "AM".

Return to the radio menu

- Press the softkey ● "LIST".

Selecting channels from the WB preset

The WB menu is displayed:

- Press a number key from 1 to 7 PQRS to select the desired weather band.

Tape operation

Tape operation

Quick reference

	Function	Page
1	Switches the tape operation on	44
2	Color screen	
3	Press to: Open and close the control panel The cassette compartment is located behind the control panel	 40
4	Press to: Switch the MCS on and off Turn to: Adjust the volume	 14 16

	Function	Page
5	Joystick	
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6	Softkeys	
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	"SKIP": Blank Skip	46
	"ADJ": Audio adjustment	63
	"SCAN": Tape scan	46

Inserting or ejecting a tape

Inserting

- Press OPEN.

  The control panel opens.
- Insert a cassette into the cassette compartment.

  The control panel closes automatically after a few seconds.

  Make sure that the wider portion of the tape faces right.

If a cassette is inserted, a cassette icon will be displayed in the radio and CD mode.

Ejecting

- Press OPEN.
- Press EJECT to eject the cassette.
- Press OPEN.

  The control panel closes. After the cassette has been ejected, the MCS switches to the last audio mode.

If the control panel is in the down position for more than 20 seconds, two successive beeps will be heard.

This will continue at five second intervals until the control panel is returned to its normal position.

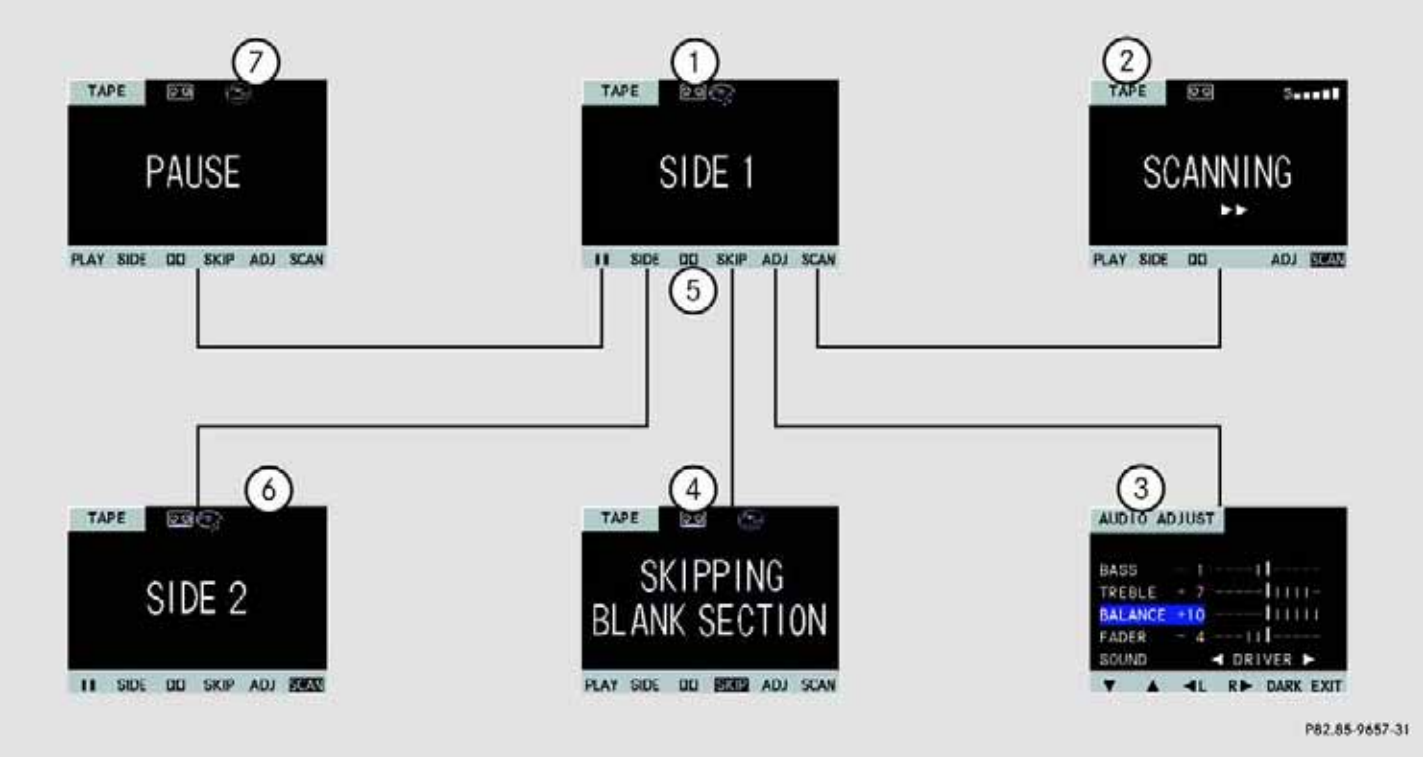
Press OPEN to return the control panel to its closed position.

A lowered control panel can easily be damaged. Close the control panel as soon as the cassette is ejected.

Do not place anything on the lowered control panel.

Tape operation

Menu overview



	Function	Page
1	Main tape menu	
2	Scan function	46
3	Main Audio Adjust menu Audio Adjustment	63
4	Blank skip	46
5	Noise reduction, Dolby B	47
6	Changing sides	44
7	Pause function	47

Listening to a cassette

Listening to a cassette

To begin tape playback:

- Insert a cassette into the cassette compartment. Tape playback will begin automatically (▷ page 40).
- Press TAPE if a cassette has already been inserted.

The cassette side facing upward is considered SIDE 1.

The telephone and navigation functions can be used while a tape is playing.

Switch off tape operation

▶ Eject the cassette, switch to the radio or CD mode or switch off the MCS.

Error messages

The following screen messages can appear after TAPE is pressed:

- “NO TAPE...” - no cassette is inserted. Insert a cassette.
- “TAPE ERROR, TAPE MAY BE TOO TIGHT” - the cassette cannot be played. The tape is too tight or is damaged. The MCS will switch to the radio mode.

Changing sides

▶ Press the softkey ● “SIDE”.

The other side of the tape automatically starts to play. The side selected is displayed in the main tape menu.

When the end of the tape has been reached, the cassette changes sides automatically.

Fast forward and rewind

Fast forward

▶ Push the joystick to ▲.

The tape winds fast forward and "FORWARD" is displayed in the main tape menu.

Rewind

▶ Push the joystick to ▼.

The tape rewinds and "REWIND" is displayed in the main tape menu.

Music search

The music search function will not work properly unless there is enough blank tape (approx. 2 seconds) separating the individual tracks.

Forward

▶ Push the joystick to ▶▶|.

The MCS locates and plays the next track. While searching "MUSIC SEARCH FORWARD" is displayed in the main tape menu.

Reverse

▶ Push the joystick to |◀◀.

The MCS locates and plays the previous track. While searching "MUSIC SEARCH REVERSE" is displayed in the main tape menu.

Cancelling music search

▶ Push the joystick in any direction.

Tape scan

When this function is activated, you can play back the first 8 seconds of each track in succession.

> The scan function does not work properly unless there is enough blank tape (approx. 2 seconds) separating the individual tracks.

Activating scan

▶ Press the softkey ● “SCAN”.

Scan begins. “SCAN” is highlighted in the softkey menu and “SCANNING” is displayed in the tape menu.

> At the end of the tape, the tape automatically switches to the other side and scan stops.

Cancelling scan

▶ Press the highlighted softkey ● “SCAN”.

or

▶ Push the joystick in any direction.

Playback resumes with the desired track.

Blank skip

When this function is activated, the unit skips blank segments longer than 15 seconds. The unit fast forwards to the next track or side and start playing it.

Starting blank skip

▶ Press the softkey ● “SKIP”.

Blank skip begins. “SKIP” is highlighted in the softkey menu. If a blank section is detected “SKIPPING BLANK SECTION” is displayed in the tape menu.

Cancelling blank skip

▶ Press the highlighted softkey ● "SKIP".

Dolby B (noise reduction)

This function provides the optimum playback of tapes recorded with Dolby B.

Activating Dolby B

▶ Press the softkey ● DD.

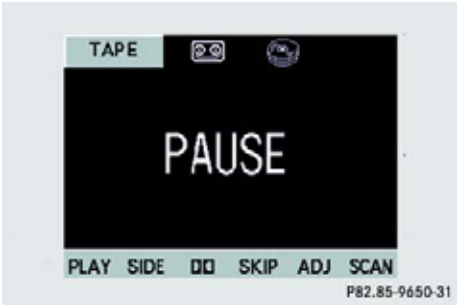
The Dolby B mode is activated when the DD is highlighted in the softkey menu.

Cancelling Dolby B

▶ Press the highlighted softkey ● DD.

The Dolby noise reduction system is manufactured under license by Dolby Laboratories Licensing Corporation. The word Dolby and the double-D symbol DD are trademarks of Dolby Laboratories Licensing Corporation.

Pause



Activating pause

▶ Press the softkey ● "II".

The tape stops playing and "PAUSE" is displayed in the tape menu.

Cancelling pause

▶ Press the softkey ● "PLAY".

The tape stops playing if you send or receive a phone call.

CD operation

CD operation

Quick reference

	Function	Page
1	Switches CD operation on (single CD player*, CD changer*)	56
2	Color screen	
3	Press to: Open and close the control panel The CD slot is located behind the control panel.	 51
4	Press to: Switch the MCS on and off Turn to: Adjust the volume	 14 16
5	Playing a CD (CD changer) Selecting a track	58 59

	Function	Page
6	Joystick	
	▶▶| : Track select forward	59
	|◀◀ : Track select reverse	59
	▲ : Music seek forward	60
	▼ : Music seek reverse	60
7	Softkeys	
	"II": Pause	62
	"RDM": Random play	61
	"RPT": Repeat	61
	"TIME": Select time display	62
	"ADJ": Audio adjustment	63
	"SCAN": Scan	60

General information on CD mode

Warning

The single CD player and CD changer are Class 1 laser products. There is a danger of invisible laser radiation if the cover is opened or damaged.

Do not remove the cover. The single CD player and the CD changer do not contain any parts which can be serviced by the user. For safety reasons, have any necessary service work performed by an authorized Mercedes-Benz center.

Use only CDs with a diameter of 12 cm; do not use 8-cm CDs.

An 8-cm CD adapter may cause damage to the CD changer and **should not** be used.

CD player locations

- The single CD player* is located behind the MCS control panel

  You can play audio CDs or read data from the navigation DVD.
- The 6 disc CD changer*.

The status line in the main CD menu indicates which component is being used for CD playback.

Tips on caring for your CDs

- Only touch the CD on the sides.
- Avoid touching the CD recording surface with your fingers.
- Clean the CD with a dry, lint-free cloth. Wipe the CD in a straight line from the center. Never wipe the CD in a circular motion.
- Do not use rubbing alcohol or solvents to clean the CDs.
- Do not expose the CDs to heat or direct sunlight.
- Do not write or put stickers on CD's.

Inserting or ejecting a CD

Inserting or ejecting a CD (Single CD player*)

Inserting

▶ Press OPEN.

The control panel is lowered.

▶ Insert the CD into the CD slot with the label side up. The CD will automatically be fed into the CD player.

The control panel closes automatically after a few seconds.

If an audio CD is inserted, an audio CD icon is displayed when in the radio or tape mode.

Ejecting

▶ Press OPEN.

▶ Press EJECT to eject the CD.

▶ Press OPEN.

The control panel is raised. After the CD has been ejected, the MCS will switch to the last audio mode.

If the control panel is in the down position for more than 20 seconds, two successive beeps will be heard.

This will continue at five second intervals until the control panel is returned to its normal position.

Press OPEN to return the control panel to its closed position.

A lowered control panel can easily be damaged. As soon as the CD is ejected, close the control panel.

Do not place anything on the lowered control panel.

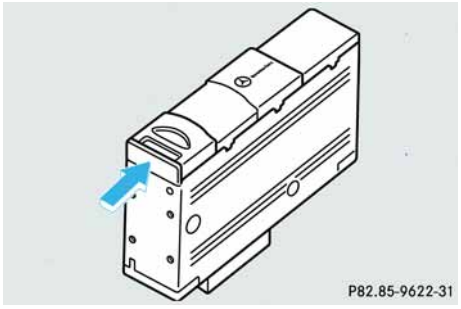
If you do not remove an ejected CD, the CD drive automatically retrieves it after 10 seconds.

The CD drive can read either

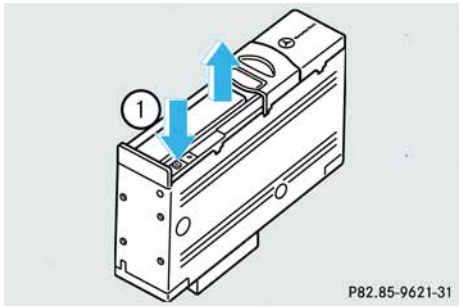
- Navigation DVDs or
- Audio CDs.

Loading CDs in the changer

The CD changer is located behind the trim panel on the right side of the cargo area. It can accommodate up to 6 CDs.



▶ Open the sliding door by pushing in the direction of the arrow above. Push the door completely open until it locks in the open position.



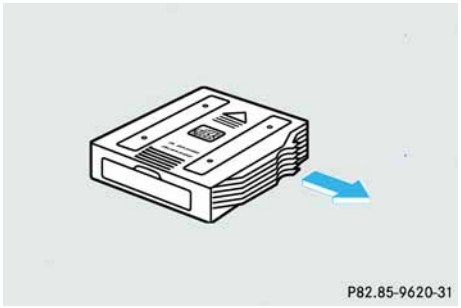
1 Eject button

▶ Press the eject button.

The magazine will slide upwards.

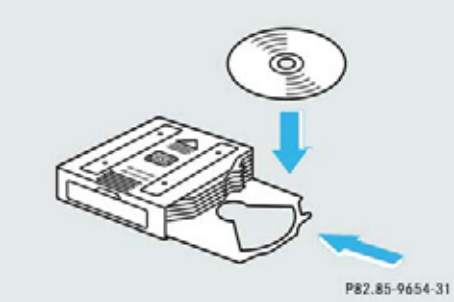
The magazine can be ejected even if the MCS is switched off.

The eject button does not function if the battery is drained or disconnected.

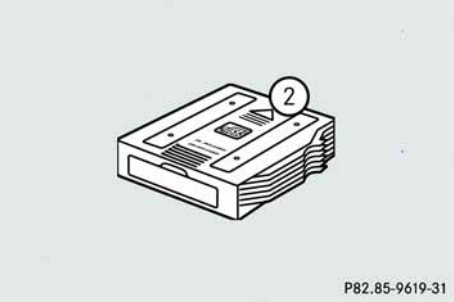


▶ Pull the disk tray forward until it stops.

Do not attempt to remove the tray from the magazine.

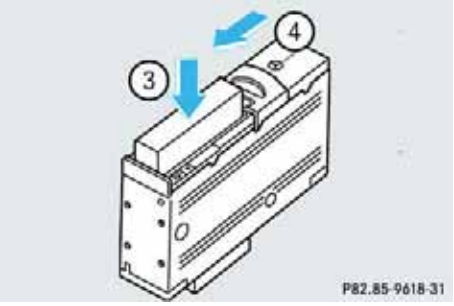


▶ Place a CD in the tray. The CD should be inserted with the label side up.



2 Arrow tip on the rack wall

▶ Push the CD tray into the magazine completely.



▶ Slide the magazine into the CD changer until it clicks into place (listen for the click).

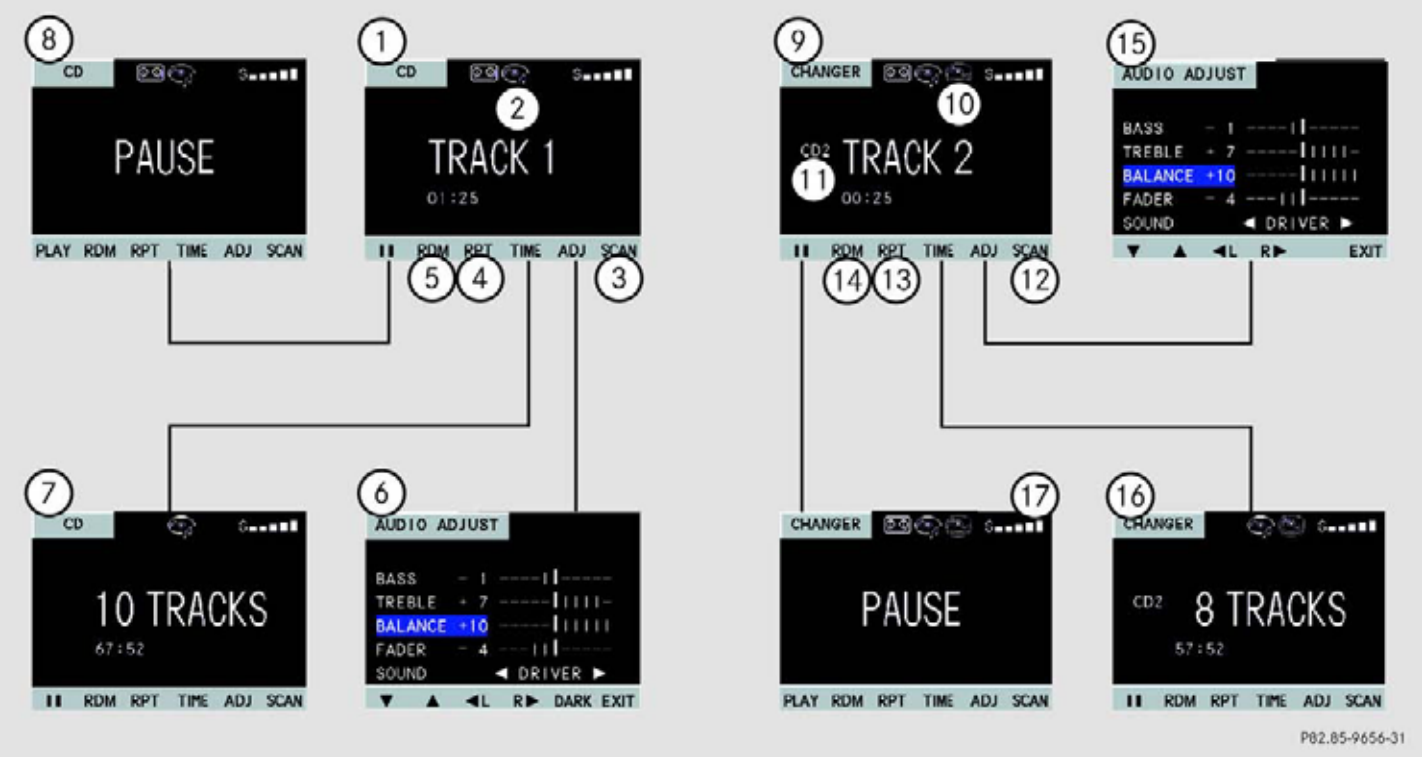
▶ Close the sliding door.

Make sure that **2** is pointing in the direction of the arrow **3**.

Do not force the magazine into the changer. If the magazine does not enter smoothly, please check for proper orientation of the magazine.

CD operation

Menu overview



	Function	Page
	Single CD player*	
1	Main single CD menu	
2	Icon for inserted CD in single CD player	
3	Scan	60
4	Repeat	61
5	Random play	61
6	Audio adjust menu	
7	Select time display	
8	Pause	62

	CD changer*	
9	Main CD changer menu	
10	Icon for connected and loaded CD changer	
11	Number of selected CD	
12	Scan	60
13	Repeat	61
14	Random play	61
15	Audio adjust menu	63
16	Select time display	62
17	Pause	62

Switching CD operation on and off

The navigation functions can be used while a CD is playing in the CD-changer.

MCS with navigation system:
Navigation is only possible when a navigation DVD is inserted in the single CD player.

MCS with single CD player*

CD operation begins:

- Automatically, by inserting a CD (▷ page 51)
  The playback starts at Track 1.
- By pressing CD when a CD is already inserted in the CD slot, playback starts at Track 1.

The telephone functions can be used while a CD is playing.

To stop CD playback

▶ Eject the CD, switch to the radio or tape mode, or switch off the MCS.

MCS with CD changer*

CD changer operation begins:

- Press CD when CDs are inserted in the CD changer (▷ page 52).
  The playback starts at Track 1 of the first CD.

The telephone and navigation functions can be used while a CD is playing.

To stop CD playback

▶ Switch to the radio or tape mode or switch off the MCS.

MCS with single CD player* and CD changer*

If you press CD, the MCS starts the CD mode that was last activated. To switch between CD modes, press CD again.

Single CD player playback

Single CD player playback begins:

- Automatically, by inserting a CD, page 42
  The playback starts at Track 1.
- By pressing CD when a CD is already inserted in the CD slot, playback starts at Track 1.

To stop CD playback

▶ Eject the CD
or

▶ Switch to the radio, tape or CD changer
or

▶ Switch off the MCS

CD changer playback

CD changer operation begins:

- By pressing CD when CDs are inserted in the CD changer, page 43.
  Playback starts at Track 1.

To stop CD playback

▶ Switch to the radio
or

▶ Switch to tape or single CD player mode
or

▶ Switch off the MCS

Error messages

The following error messages can appear after CD is pressed:

- "NO CD" - there is no CD inserted. Insert a CD.
- "CD ERROR" - the inserted CD can not be read. The CD may be inserted incorrectly, be damaged, or is not an audio CD. The CD may be copy protected. If it is a recorded CD (instead of a stamped CD), the quality may be poor or the formatting incorrect.

- Single CD mode: “NAVIGATION DISC INSERTED...” - a navigation DVD is inserted in the CD slot. Replace the DVD with an audio CD.
- CD changer mode: “MAG. EMPTY” - there are no CDs in the magazine. Eject the CD changer magazine and insert CDs.
- CD changer mode: “NO MAGAZINE” - there is no magazine in the CD changer. Insert a loaded magazine into the CD changer.
- CD changer mode: “CHANGER ERROR” - have the MCS and the CD changer checked by an authorized Mercedes-Benz Center.

In the CD, radio and tape modes icons are displayed for an inserted CD (single CD player) or a connected and loaded CD changer.

Selecting a CD
MCS with CD changer

▶ Press a number key, e.g. 3 DEF to select the corresponding CD.

The screen as shown above appears for 4 seconds. The selected CD will be highlighted. If the selected magazine slot is empty, the “NO CD” message and the number of the selected slot appears on the screen. The next CD inserted will be selected.

Playback begins with track 1 of the selected CD.

After the last track of the current CD has been played, the next CD inserted in the magazine is selected and playback continues with track 1.

Track select

You can select a track by using

- the joystick
- the number keypad

Selecting a track using the joystick

Next track

▶ Push the joystick to ▶▶|.

Previous track or start of title (if more than 10 seconds of playing time has elapsed)

▶ Push the joystick to |◀◀.

Select any desired track

▶ Push the joystick to |◀◀ or ▶▶| as often as necessary.

Selecting a track using the number keypad

▶ Press ZOOM - and enter the number of the track you wish to select, e.g. 0 OPER and 2 ABC.

To enter a single digit track number, you can enter zero (0) followed by the track number, e.g. 01, or simply enter the track number, e.g. 1, and wait 4 seconds to have the track selected automatically.

When entering a two digit number you must enter the second digit within 4 seconds. Otherwise, the function switches off and the screen returns to the previous display.

If you enter a track number which is higher than the last track on the disk, "INVALID TRACK" appears on the display. The current track keeps playing.

Music seek

Forward

▶ Push the joystick to ▲.

The CD seeks forward as long as you push the joystick.

Backward

▶ Push the joystick to ▼.

The CD seeks backward as long as you push the joystick.

CD track scan

The tracks on a CD can be scanned in succession for 8 seconds each.

Activating scan

▶ Press the softkey ● “SCAN”.

Scan begins and “SCAN” is highlighted in the softkey menu.

Cancelling scan

▶ Press the highlighted softkey ● “SCAN”.

or

▶ Push the joystick in any direction.

Playback resumes with the desired track.

CD track repeat

Activating repeat

▶ Press the softkey ● "RPT".

The current track repeats until you switch the function off.
The repeat mode is activated when "RPT" is highlighted in the softkey menu.

Cancelling repeat mode

▶ Press the highlighted softkey ● "RPT".

You cannot activate the repeat mode and the random mode at the same time. You can only select one mode at a time.

CD track random play

Activating random play

▶ Press the softkey ● "RDM".

The tracks on the currently selected CD play back in a random order.
The random mode is activated when "RDM" is highlighted in the softkey menu.

Selecting the next / previous track

▶ Push the joystick to ⏮ or ⏭.

The next or previous track in the random list plays.

Cancelling random play

▶ Press the highlighted softkey ● "RDM".

You cannot activate the repeat mode and the random mode at the same time. You can only select one mode at a time.

Pause

Activating the pause

▶ Press the softkey ● "II".

The CD stops playing and "PAUSE" appears in the display.

Cancelling pause

▶ Press the softkey ● "PLAY".

The CD stops playing if a phone call is sent or received.

Elapsed time display

When this function is selected, the main CD menu displays the current track and elapsed time.

▶ Press the softkey ● "TIME".

The total numbers of tracks and the total playing time are displayed.

To return

▶ Press the softkey ● "TIME".

or

▶ Wait 4 seconds to automatically return to the main CD menu.

Audio Adjustment

Audio Adjustment

The sound settings for all audio sources can be adjusted.

Audio sources include

- Radio FM, AM, WB
- Tape
- CD (Single CD, CD changer)

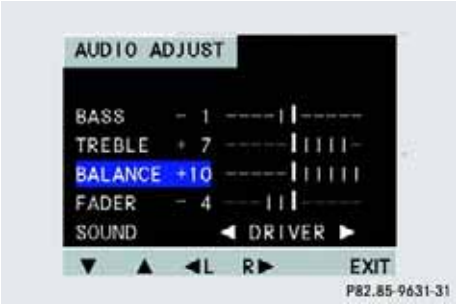
Each audio source has its own audio adjustments for bass and treble.

All audio sources share the balance and fader functions.

If your vehicle is equipped with the Bose Audiopilot digital processor, digital electronics will continually separate program material from ambient noise and modify the programming signal so that you can enjoy the full musical performance without making any adjustments.

The normal operation of the Bose Audiopilot could be interpreted as volume fluctuations, however this is normal operation.

Setting Bass/Treble/Balance/Fader



▶ Press the softkey ● “ADJ” in any audio menu.

Your current settings are displayed in the main audio adjust menu.

To select the parameter you want to adjust, press the softkeys ● ▲ or ▼.

The selected parameter is highlighted.

▶ To set the desired values, press the softkeys ● “-” and “+” or “L” and “R”.

▶ To reset the selected parameter press and hold both softkeys ●, “-” and “+” or “L” and “R” for longer then 2 seconds.

▶ Once you are satisfied with the sound setting, press the softkey ● “EXIT”.

Audio Adjustment

Activating sound optimization*

Only in vehicles with a premium sound system*.

▶ Press the softkey ● “ADJ” in any audio menu.

Your current settings will be displayed in the main audio adjust menu.

▶ Select the parameter “SOUND” with the softkeys ●, ▲ or ▼.

▶ To select the desired sound settings, press the softkeys ●, ◀, and ▶.

ⓘ

You can only select one sound optimization at a time.

ⓘ

Sound Optimization is not available for service sources.

Available sound optimizations

- “STANDARD”- linear sound from the center of the vehicle.
- “SPEECH” - emphasis is placed on the spoken word.
- “DRIVER” - sound is optimized for the front seats.
- “AMBIENCE” - recreates the sound of a room.

ⓘ

If your vehicle is equipped with the Bose Audiopilot digital processor, digital electronics will continually separate program material from ambient noise and modify the programming signal so that you can enjoy the full musical performance without making any adjustments.

The normal operation of the Bose Audiopilot could be interpreted as volume fluctuations, however this is normal operation.

Resetting audio adjustments

▶ Return to the audio menu by pressing the softkey ● “EXIT”.

▶ Press and hold the audio menu softkey ● “ADJ” for longer than 2 seconds.

All parameters are set to 0 and the sound optimization is set to “STANDARD”. The MCS automatically returns to the audio mode.

Important notes
Telephone operation
Emergency call

Important notes

Important notes

In this chapter you will find detailed information on telephone functions, emergency call, and service numbers.

Warning

Some jurisdictions prohibit the driver from using a cellular telephone while driving a vehicle. Whether or not prohibited by law, for safety reasons, the driver should not use the cellular telephone while the vehicle is in motion. Stop the vehicle in a safe location before answering or placing a call.

If you nonetheless choose to use the cellular phone while driving, please use the hands-free device and be sure to pay attention to the traffic situation at all times. Use the cellular phone[1] only when road, weather and traffic conditions permit.

Never operate radio transmitters equipped with a built-in or attached antenna (i.e. without being connected to an external antenna) from inside the vehicle while the engine is running. Doing so could lead to malfunction of the vehicle's electronic systems, possibly resulting in an accident and/or personal injury.

1 Observe all legal requirements.

Radio transmitters, such as a portable telephone or a citizens band unit, should be used inside the vehicle only if they are connected to a separate exterior antenna that has been approved by Mercedes-Benz.

- Please read the "Telephone" chapter before attempting to operate your telephone.
- Always drive with extreme caution when you operate the hands-free telephone.
- For safety reasons, you should not use the mobile telephone handset to make a call while driving the vehicle.
- If the signal strength is very weak (display in the symbol field of all menus), wait until reception improves before making a call.

- Close the windows to reduce outside noise when you use hands-free operation.
- A brief disconnection from the cellular network is not a malfunction. A brief disconnection can occur when the network switches areas. The phone automatically tries to sign on to a network again.
- If the message “PLEASE ENTER UNLOCK CODE” appears, enter the unlock code to enable all telephone functions.
  Entering the unlock code (▷ page 72).

In the following situations, it is not possible or not yet possible to use the telephone:

- The telephone is already unlocked but is not registered or not yet registered in the network.

  The message “NO SERVICE” appears. The telephone tries to register into an existing network. If the network is available, the telephone is ready for use.

  The above message also appears if the network is no longer available due to weak signals.
- The message “TELEPHONE NOT ATTACHED” appears.

  Please attach the telephone.
- The message “PHONE IS OFF...” appears.

  Please switch on the telephone.

It is not possible to make a call in the following situations. One of the following messages appears:

- “SYSTEM BUSY”

  Dialing has failed because system is busy.
- “NO SERVICE”

  Dialing has failed because a network cannot be received.

Telephone operation

Telephone operation

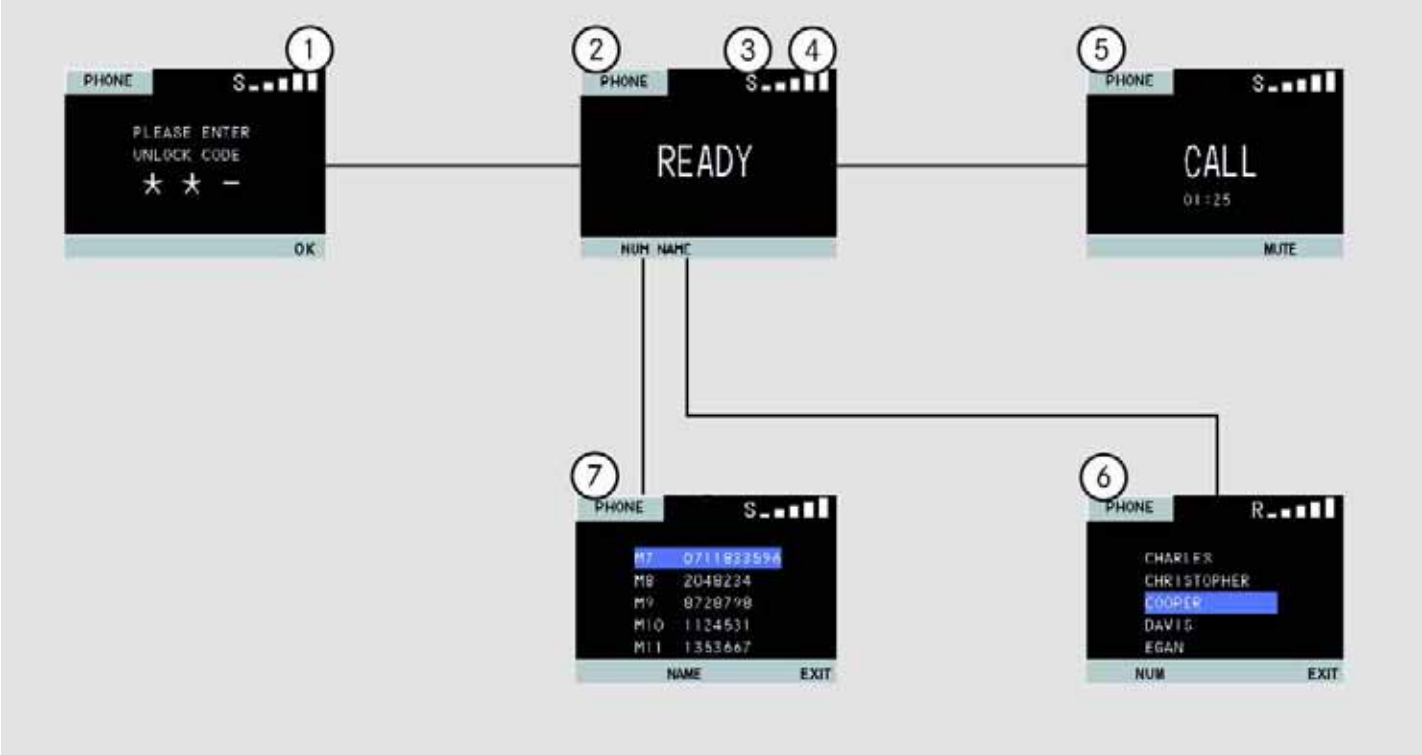
Quick reference

	Function	Page
1	Switches telephone operation on	72
2	Color display	
3	Press to: Switch the MCS on and off	14
	Turn to: Set the volume for hands-free operation of the telephone	16
4	Entering the unlock code	72
	Entering a telephone number	74
	Speed-dialing (for the numbers stored in the phone book with a maximum of 2 digits)	78
	Quick-dialing (for the first 10 memory locations)	78
	Placing an emergency call	80

	Function	Page
5	Joystick ⏭: Scroll list down ⏮: Scroll list up ▲: Select name or number ▼: Select name or number	
6	Softkeys “NUM”: Phone book sorted numerically	77
	“NAME”: Phone book sorted alphabetically	76
	“MUTE”: Switches off the microphone for the hands-free telephone	73
7	Accepting an incoming call Send a call	73
8	Ending a call	73

Telephone operation

Menu overview



	Function	Page
1	Unlock code menu	72
2	Main telephone menu	
3	Telephone roaming indicator S: Signal R: Roaming R (highlighted): Roaming on non-home type system	
4	Signal strength meter	
5	Incoming call	73
6	Alphabetic phone book	76
7	Numeric phone book	77

Switching telephone operation on

▶ Press TEL.

The menu to enter the unlock code appears.

Entering the unlock code

▶ Use the number keys 1 through 0 OPER to enter the unlock code.

Asterisks instead of digits will appear in the input line.

If the code entered is correct and the phone is registered in a network, the phone is ready for use.

Timeport phones use a three-digit code. V60 phones use a four-digit code. The head unit unlocks the phone using the first three digits of the four-digit V60 unlock code.

Your unlock code prevents unauthorized persons from using your telephone. Be sure to memorize this code carefully.

If you enter an incorrect code, the system returns to the menu for entering the unlock code.

You must always enter the unlock code when you switch on the telephone in locked mode.

If the telephone is ready for operation, “READY” appears. The graphic (left) depicts strong signal reception. If you are not in a home network, the roaming indicator “R” is shown.

Switching telephone operation off

▶ Switch to an audio mode, navigation mode*.

▶ Allow the telephone to switch to sleep mode.

or

▶ Switch off the MCS system.

Incoming call

If the system detects an incoming call, the phone rings and “CALL” appears on the display. If the telephone number can be identified, it appears in the display. The corresponding name is displayed as long as it has been stored in the phone book.

▶ Press SEND.

The active audio source switches to mute.

Switching off the microphone for the hands-free telephone

▶ Press the softkey “MUTE”.

▶ Press the softkey “MUTE” again to cancel muting.

Setting the volume for hands-free operation

Raising the volume

▶ Turn the rotary/push-button v to the right.

Lowering the volume

▶ Turn the rotary/push-button v to the left.

Refusing or ending a call

▶ Press END.

The main telephone display disappears and the previous source is restored.

Accepting an incoming call using the mobile telephone handset

For the location of your telephone, see the vehicle’s operation instructions.

▶ Press SEND.

▶ Remove the telephone from its cradle and conduct your call.

The hands-free operation switches off.

Ending a call

▶ Put the phone back in its cradle.

Warning

Some jurisdictions prohibit the driver from using a cellular telephone while driving a vehicle. Whether or not prohibited by law, for safety reasons, the driver should not use the cellular telephone while the vehicle is in motion. Stop the vehicle in a safe location before answering or placing a call. If you nonetheless choose to use the cellular phone[1] only when road, weather and traffic conditions permit.

1 Observe all legal requirements

Outgoing call

The following functions are available for placing an outgoing call:

- Dialing a telephone number (▷ page 74)
- Dialing a number from the phone book (▷ page 76)
- Redial (▷ page 78)
- Speed-dialing (▷ page 78)
- Emergency call (▷ page 80)

Dialing a telephone number

Entering a telephone number

▶ Press TEL.

The main telephone menu appears.

▶ Use the number keys 1 through 0 OPER to enter the telephone number.

The menu changes when the first digit is entered.

Correcting input

To correct only the last digit

▶ Press CLEAR briefly.

To clear all digits

▶ Press CLEAR longer than 2 seconds.

Begin dialing

▶ If you have entered the correct number, press SEND.

Dialing begins. If the phone number and name are stored in the phone book, the name appears on the screen.

The active audio source switches to mute.

Interrupt dialing

▶ Press END.

Conducting a call

The call time appears when the call is initiated.

Ending the call:

▶ Press END.

Subsequent dialing

Transmitting other DMTF tones

- During a call, press the number keys 1 through 0 OPER, * ZOOM -, or # ZOOM +.

  The number dialed appears in the menu for 10 seconds after the last key is pressed (subsequent dialing display).

Dialing a number from the phone book

The phone book can be accessed using either the softkey ● "NAME" or the "NUM".

The softkey ● "NAME" starts the alphabetic scrolling mode and the softkey ● "NUM" starts the numeric scrolling mode.

If there are no numbers located in the memory, "PHONE BOOK MEMORY EMPTY" appears on the display.

> ℹ You can only use the cellular telephone to save numbers and names in the telephone book. See your telephone Operator's Manual.

Opening the alphabetic scrolling mode

- Make sure the main telephone menu is displayed.
- Press the softkey ● "NAME".

or

- Enter up to 2 letters with the number keys 1 through 0 OPER (e.g.: 2 ABC).
- To correct the last digit, press CLEAR.

- ▶ By pushing the joystick up or down, you can select the desired name.

  The selected name is highlighted.

or

- ▶ By pushing the joystick to the left or the right, you can jump to the next or previous page of the list.

Begin dialing:

- ▶ If you have found the right name, press SEND.

Ending the call:

- ▶ Press END.

Opening the numeric scrolling mode

- ▶ Make sure the main telephone menu is displayed.
- ▶ Press the softkey ● "NUM".

or

- ▶ Enter up to 2 letters with the number keys 1 through 0 OPER (e.g.: 7 PQRS).
- ▶ To correct the last digit, press CLEAR.

- ▶ By pushing the joystick up or down, you can select the desired number.

  The selected number is highlighted.

or

- ▶ By pushing the joystick to the left or the right, you can jump to the next or previous page of the list.

Begin dialing:

- ▶ If you have found the right number, press SEND.

Ending the call:

- ▶ Press END.

Redial

You can redial the last 10 numbers dialed.

▶ Make sure the main telephone menu is displayed.

▶ Press SEND.

The number list appears on the display.

▶ By pushing the joystick up or down, you can select the desired number.

The selected number is highlighted.

or

▶ By pushing the joystick to the left or the right, you can jump to the next or previous five numbers in the list.

If there is no entry in the numbers list, the message "LAST NUMBERS MEMORY EMPTY" appears in the telephone menu.

Begin dialing:

▶ If you have found the right number, press SEND.

Ending the call:

▶ Press END.

Speed-dialing

▶ Make sure the main telephone menu is displayed.

▶ Enter the memory location number using the number keys 1 through 0 OPER.

You can enter up to 2 digits.

Warning

If you enter"1" and confirm this memory location as described in "Begin dialing", the default emergency number 9-1-1 is dialed.

The 9-1-1 emergency call system is a public service. Using it without due cause is a criminal offense.

Begin dialing:

▶ If you have found the right number, press SEND.

Ending the call:

▶ Press END.

Quick-dialing for the first 10 memory locations

▶ Make sure the main telephone menu is displayed.

▶ Press one of the number keys 2 ABC to 0 OPER longer than 2 seconds.

The phone number or name appears in the menu. The telephone dials the phone number stored in this memory location.

The call time appears when the call is initiated.

Warning ⚠

If you press 1, the emergency number 9-1-1 (default input) is dialed.

The 9-1-1 emergency call system is a public service. Using it without due cause is a criminal offense.

Ending the call:

▶ Press END.

Emergency call

Emergency call

You can use a mobile communications network to make an emergency call to an emergency rescue station.

The emergency call is placed as long as the corresponding mobile communication network is available. To place an emergency call, switch the telephone on.

The emergency call is also placed if the phone is locked.

Emergency calls may not be possible with all mobile phone networks, or if certain network services and/or telephone functions are active. Check with your local network operating company.

This function places a call to a local 9-1-1 provider. This function does not initiate a Tele Aid call.

Warning

The 9-1-1 emergency call system is a public service. Using it without due cause is a criminal offense.

If you press the number key 1 longer than 2 seconds, the number stored in memory location “1” (default is 9-1-1) is dialed.

It is not possible to complete the emergency call if the cellular system is busy. The message “SYSTEM BUSY” appears.

Take appropriate measures to alert an emergency service as soon as possible.

Initiating an emergency call

- Make sure that the main telephone menu is displayed.
- Press the number key 1 longer than 2 seconds (quick-dialing).

  The telephone begins dialing.

  The call time appears when the call is initiated.

Ending or stopping an emergency call

- Press END.

Important notes
Quick reference
Destination input
Route guidance
Destination memory
Settings

Important notes

Warning

For safety reasons, you should only enter a destination when the vehicle is stationary. When the vehicle is in motion, a passenger should enter the destination. Study manual and select route before driving.

Do not watch display screen or operate buttons while the vehicle is in motion- let voice instructions guide you. Stop at a safe location before using buttons or making corrections.

Traffic regulations always have priority over any route recommendations given.

The route calculated by the MCS is a recommendation on how to best reach your selected destination.

During route guidance, you will not receive any information on

- Traffic lights
- Stop and yield signs
- Parking or stopping zones
- One-way streets
- Narrow bridges
- Similar traffic regulation data

You should therefore always strictly observe traffic regulations while driving. Drive carefully and always obey traffic laws and road signs even if they contradict the MCS instructions.

Warning

The DVD reader contains a Class 1 laser product. There is a danger of invisible laser radiation if the cover is opened or damaged.

Do not remove the cover. The DVD reader does not contain any parts which can be serviced by the user. For safety reasons, have any service work which may be necessary performed only by qualified personnel.

MCS calculates the route with the help of data stored on the navigation DVD.

Only use Mercedes-Benz navigation DVDs. Using other navigation DVDs might lead to malfunctions.

Because of changes in local traffic patterns (e.g. road work) and/or incomplete data, errors in calculation may occur.

As a result, the recommended route may deviate from the ideal route. The data stored on the DVD only reflects local conditions at the time of production. DVD maps do not cover all areas nor all routes within an area.

The CD/DVD drive can read navigation DVDs and playback audio CDs.

If an audio CD is inserted in the CD/DVD drive and NAVI MENU is pressed, the message "MUSIC CD INSERTED PLEASE REPLACE WITH A NAVIGATION DISC" is displayed.

- Remove the audio CD and insert a navigation DVD (▷ page 86).

GPS (Global Positioning System) signals received make it possible to determine the current vehicle position.

Deviations from the actual position may occur

- If the reception of GPS signals is disturbed, e.g. in parking garages and tunnels
- If road conditions are poor
- If your vehicle has been damaged

The MCS may require some time to find its exact position after your vehicle has been transported by car, train, or ferry. Moving the vehicle a few yards is typically enough to remedy this situation.

Travelling abroad

If you intend to travel through different regions or abroad, you will need the respective navigation DVD.

Contact your Mercedes-Benz Center or the Client Assistance Center at 1-800-FOR-MERCedes (1-800-367-6372) for available DVDs.

▶ Change the navigation DVD (▷ page 86).

Quick reference

Quick reference

	Function	Page
1	Color display	
2	Delete the last input, return to previous screen	
3	Press to: Open and close the control panel The CD/DVD slot and EJECT button are located behind the control panel.	86
4	Press to: Switch the MCS on and off	14
	Turn to: Set the volume difference between an audio source and navigation voice during an announcement	16

	Function	Page
5	Entering address numbers	
6	Altering the map scale	
7	Pushing Joystick: Moves cursor	
	Pressing ENT: Confirm selection	
8	Switching the navigation system on	90
	Activating the navigation menu	
9	Repeating current (last) voice instruction	
10	Altering the map scale	114

	Function	Page
11	Softkeys ● for:	
	“DETR”: Detour	119
	“STOP”: Cancels the current destination,	115
	“LIST”: Lists the maneuver	113
	“MUTE”: Mutes the voice instructions	114
	“LGHT”: Changes between light and dark mode	140
	“MAP”: Changes between map screen and maneuver screen, returning to the map	
	To activate the softkey functions, press any softkey	

Inserting or ejecting the navigation DVD

Inserting

▶ Press OPEN to lower the front of the control panel.

Insert the navigation DVD into the CD/DVD slot with the label side up. The DVD is automatically fed into the CD/DVD player.

The control panel closes automatically after a few seconds.

If a navigation DVD is inserted, the navigation DVD symbol is displayed when in the radio, tape, or CD mode.

Ejecting

▶ Press OPEN to lower the front of the control panel.

▶ Press EJECT to eject the inserted DVD.

▶ Press OPEN to raise the front of the control panel.

If the display is in the down position for more than 20 seconds, 2 successive beeps are heard. This will continue at 5 second intervals until the display is returned to its normal position. Press OPEN to return the control panel to its closed position.

A lowered control panel can easily be damaged. As soon as the CD is ejected, close the control panel.

If you do not remove an ejected DVD, the CD/DVD automatically retrieves it after 10 seconds.

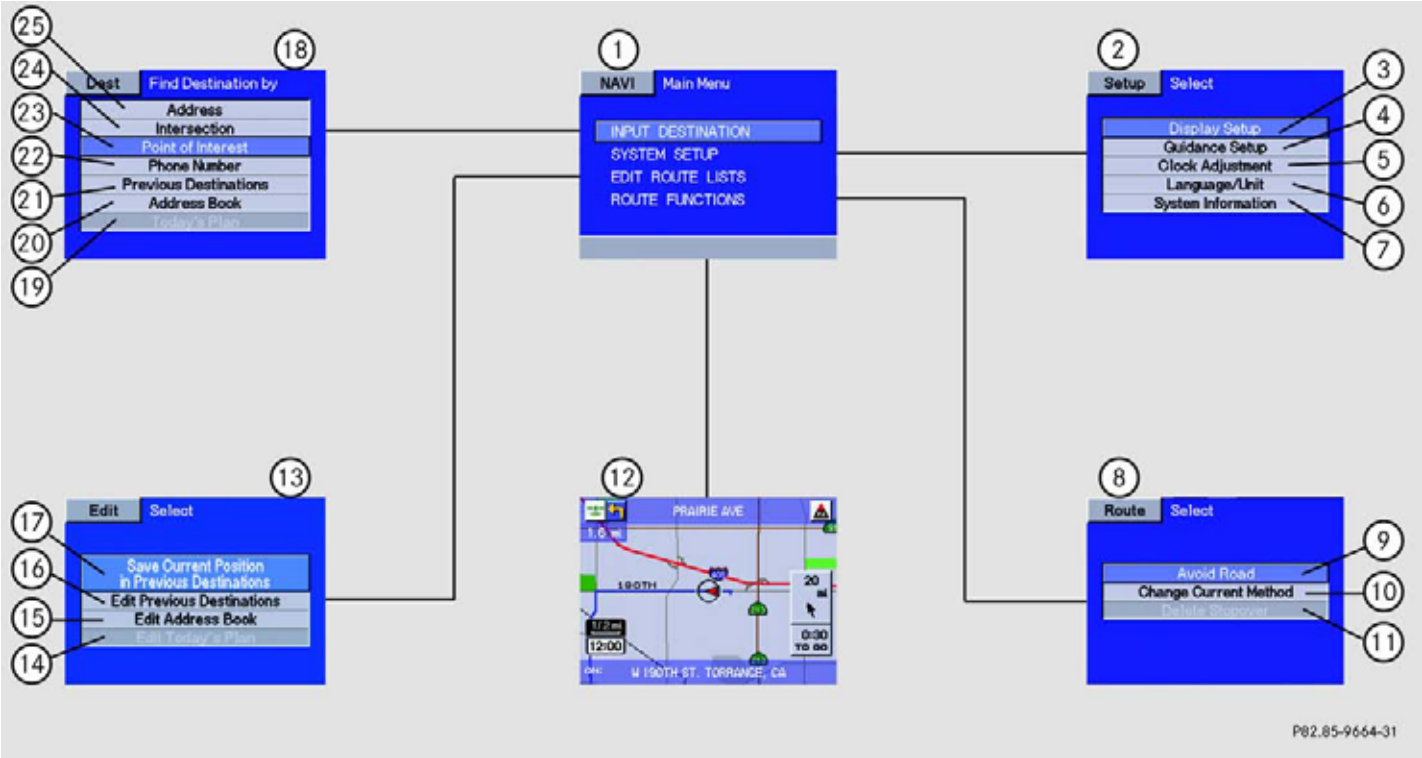
The CD/DVD drive can

- Read navigation DVDs or
- Playback audio CDs.

Destination input

Destination input

Menu overview



	Function	Page
1	Main navigation menu	
2	Setup Select menu	
3	Display Setup menu	
4	Guidance Setup menu	
5	Clock Adjustment menu	143
6	Language/Unit menu	142
7	System Information menu	140
8	Route Select menu	
9	Avoid Road menu	117

	Function	Page
10	Change Current Method menu	115
11	Delete Stopover menu	
12	Map screen	
13	Edit Select menu	
14	Edit Today's Plan menu	127
15	Edit Address Book menu	124
16	Edit Previous Destinations menu	129
17	Save Current Position in Previous Destinations menu	128

	Function	Page
18	Find Destination by menu	
19	Today's Plan menu	125
20	Address Book menu	106
21	Previous Destination menu	107
22	Phone Number menu	104
23	Point of Interest menu	100
24	Intersection menu	96
25	Address menu	92

Switching the navigation system on

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▶ Press NAVI MENU.

The navigation start up screen only appears during the software loading process.

After the navigation system boots up, the disclaimer screen appears.

Caution!
Road conditions, signs and signals may differ from system instructions.
- Study manual and select route before driving.
- Do not watch screen or operate buttons with vehicle in motion.
- Pull over safely before using buttons or consulting screen.
- Drive carefully and always obey traffic laws and road signs even if they contradict system instructions.
Press ENTER to agree.
P82.85-9582-31

▶ To accept the statements, press ENT.

The display that appears is dependent on the last navigation function used.

Depending on the last system mode, MCS calls one of the following displays:

If route guidance has been switched off

- The main destination input menu

If route guidance has been switched on

- The symbol display with an arrow indicating your driving direction

  or

- The map with the symbol of current vehicle location

  or

- The location map.

Potential fault messages during navigation start up:

- "MUSIC CD INSERTED PLEASE REPLACE WITH A NAVIGATION CD".

  Eject the inserted CD and insert a navigation DVD.

- "Please insert DVD-ROM".

  Insert a navigation DVD.

- "Error reading DVD-ROM. Please check the disk".

  Check the DVD for damages like scratches. Replace DVD.

If the error has been eliminated, you will see the navigation start up screen.

Changing over to another system, e.g. radio

▶ Press RADIO to switch to radio operation.

The navigation system continues to run in the background.

If you switch off the MCS, the navigation and audio system also switch off.

Entering destination address

You can search for a destination by:

- Address (▷ page 92)
- Intersection (▷ page 96)
- Point of interest (▷ page 100)
- Phone number (▷ page 104)
- Recalling stored destinations from your address book (▷ page 106)
- Selecting previous destinations (▷ page 107)
- Selecting the destination directly from the map (▷ page 108)
- Today's plan (▷ page 125)

Searching for a destination by address

- Press NAVI MENU.

- Use the joystick to select "INPUT DESTINATION" and press ENT.

The Find Destination by menu appears.

▶ Use the joystick to select "Address" and press ENT.

You can find the address by:

- Selecting "Street Name", if you want to search for the address by street name and number.
- Selecting "City Name", if you want to search for the city name first.
- Selecting "Change State", if you want to search for the address in a different state.
- Selecting "Change Province", if you want to search for the address in a different province.

▶ Use the joystick to select the desired method and press ENT.

If you have entered the state or the province and you know the city name, use the city name to start your search. This will save time versus starting a search using the street name.

Changing state or province

The input screen appears showing the current state or province.

▶ If you want to choose another state or province, select it with the joystick and press ENT.

The new state or province is selected.

Entering a city name

The input screen appears. If you selected the city name menu, the current city name appears.

1 Text window
2 Keypad
3 List button
4 Delete button
5 Space button

▶ If you want to choose another city, use the joystick to select the first character from the keypad **2** and press ENT.

The character appears in the text window **1**.

▶ To enter more characters, repeat above step.

If a character is not available, it will automatically be shaded out.

▶ To correct the last character, use the joystick to select "Delete" **4** and press ENT.

▶ When you have entered the city name, use the joystick to select "List" **3** and press ENT.

or ▷▷

- Use the joystick to enter the first few characters of the city name, select "List" **3** and press ENT.
- Use the joystick to select the desired city name from the name list and press ENT.
- If you entered the city name and the street name has not yet been entered, the Street Name menu appears.

Entering a street name

The input screen appears.

1 Text window
2 Keypad
3 List button
4 Delete button
5 Space button

- To enter the street name, use the joystick to select the first character from the keypad **2** and press ENT.

  The character appears in the text window **1**.
- To enter additional characters, repeat above step.

  If a character is not available, it will automatically be shaded out.
- To correct the last character, use the joystick to select "Delete" **4** and press ENT.
- When you have entered the street name, use the joystick to select "List" **3** and press ENT.

or

▷▷

- Use your joystick to enter the first few characters of the street name, select "List" **3** and press ENT.
- Use the joystick to select the desired street name from the name list and press ENT.
- The address number menu appears.

Entering an address number

The input screen appears if you have entered the street name and the address. Numbers for this street are stored on the navigation DVD.

- Use the joystick to select the first number of the desired address number and press ENT.

  The character appears in the number window.
- To enter additional characters, repeat above step.

Numbers can also be entered using the number keypad.

If a character is not available, it will automatically be shaded out. Use "N", "E", "W" or "S" only if the address number contains such a character. The MCS automatically differentiates north, east, west and south street names.

- To correct the last character, use the joystick to select "Delete" and press ENT.
- When the address number is displayed, use the joystick to select "Done" and press ENT.

  If the city name was not entered, the city name menu appears.

  After you have entered the complete address, the Confirm Destination menu appears.

Searching for a destination by intersection

- Press NAVI MENU.

- Use the joystick to select "INPUT DESTINATION" and press ENT.

The Find Destination menu appears.

▶ Use the joystick to select "Intersection" and press ENT.

You can find the intersection by:

- Selecting "Street Name", if you want to search for the address by street name and number.
- Selecting "City Name", if you want to search for the city name first.
- Selecting "Change State", if you want to search for the address in a different state.
- Selecting "Change Province", if you want to search for the address in a different province.

▶ Use the joystick to select the desired method and press ENT.

If you entered the state or the province and you know the city name, start your search using the city name. This will save time versus starting a search using the street name.

Changing state or province

The input screen appears showing the current state or province.

▶ If you want to choose another state or province, use the joystick to select it and press ENT.

The new state or province is selected.

Entering a city name

The input screen appears. If you have selected the city name menu, the current city name appears.

1 Text window
2 Keypad
3 List button
4 Delete button
5 Space button

▶ If you want to choose another city, use the joystick to select the first character from the keypad **2** and press ENT.

The character appears in the text window **1**.

▶ To enter additional characters, repeat above step.

If a character is not available, it will automatically be shaded out.

▶ To correct the last character, use the joystick to select "Delete" **4** and press ENT.

▶ After you enter the city name, use the joystick to select "List" **3** and press ENT.

or ▷▷

- Use the joystick to enter the first few characters of the city name, select "List" **3** and press ENT.
- Use the joystick to select the desired city name from the name list and press ENT.
- If you have entered the city name and the street name has not yet been entered, the street name menu appears.

Entering a street name

The input screen appears.

1 Text window
2 Keypad
3 List button
4 Delete button
5 Space button

- To enter the street name, use the joystick to select the first character from the keypad **2** and press ENT.

  The character appears in the text window **1**.
- To enter additional characters, repeat the above step.

  If a character is not available, it will automatically be shaded out.
- To correct the last character, use the joystick to select "Delete" **4** and press ENT.
- After you enter the street name, use the joystick to select "List" **3** and press ENT.

or

▷▷

- Use the joystick to enter the first few characters of the street name, select "List" **3** and press ENT.
- Use the joystick to select the desired street name from the name list and press ENT.
- The address number menu appears.

Entering a cross street name

The input screen appears.

- To enter the cross street name, use the joystick to select the first character from the keypad and press ENT.

  The character appears in the text window.
- To enter additional characters, repeat the above step.

  If a character is not available, it will automatically be shaded out.
- To correct the last character, use the joystick to select "Delete" and press ENT.
- After you enter the street name, use the joystick to select "List" and press ENT.

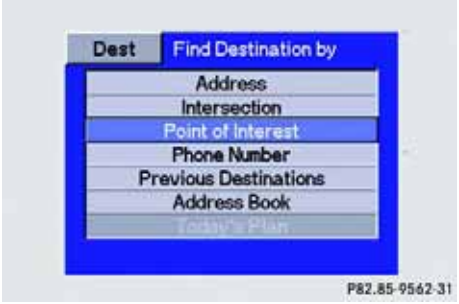
or

- Use the joystick to enter the first few characters of the street name, select "List" **3** and press ENT.
- Use the joystick to select the desired street name from the name list and press ENT.
- After you have entered the street name, the Confirm Destination menu appears.

Searching for a destination by Point of Interest

- Press NAVI MENU.

- Use the joystick to select "INPUT DESTINATION" and press ENT.



The Find Destination by menu appears.

▶ Use the joystick to select "Point of Interest" and press ENT.

Find a Point of Interest by Place Name

▶ Use the joystick to select "Place Name" and press ENT.

- Use the joystick to select the first character of the desired place name from the keypad and press ENT.

  The character appears in the text window.
- To enter additional characters, repeat the above step.

  If a character is not available, it will automatically be shaded out.
- To correct the last character, use the joytick to select "Delete" and press ENT.
- After you enter the Place Name, use the joystick to select "List" and press ENT.

or

- Use the joystick to enter the first few characters of the place name, select "List" and press ENT.
- Use the joystick to select the desired Place Name from the list and press ENT.

  The Confirm Destination menu appears.

Finding a Point of Interest by Place Type

- Use the joystick to select "Place Type" and press ENT.
- Use the joystick to select the desired category and press ENT. ▷▷

After you select one of the Place Type categories, the Find Place by menu appears.

▶ You can find places by:

- "Sort by Distance"

  The Points of Interest from the selected category are sorted by distance from the current vehicle position.

- "Name"

  The selected Point of Interest category are searched by Name.

- "Within a City"

  The Points of Interest from the selected category within a specified city are displayed.

Finding a specific Point of Interest sorted by distance

▶ Use the joystick to select "Sort by Distance" and press ENT.

▶ Use the joystick to select the desired destination and press ENT.

The Confirm Destination menu appears.

Finding a specific Point of Interest sorted by Name

▶ Use the joystick to select "Name" and press ENT.

▶ Use the joystick to select the first character of the desired place name from the keypad and press ENT.

The character appears in the text window.

- ▶ To enter additional characters, repeat the above step.

  If a character is not available, it will automatically be shaded out.
- ▶ To correct the last character, use the joystick to select "Delete" and press ENT.
- ▶ After you enter the Place Name, use the joystick to select "List" and press ENT.

or

- ▶ Use the joystick to enter the first few characters of the Place Name, select "List" and press ENT.
- ▶ Use the joystick to select the desired Place Name from the list and press ENT.

  The Confirm Destination menu appears.

Finding specific Points of Interest Within a City

- ▶ Use the joystick to select "Within a City" and press ENT.

1 Text window
2 Keypad
3 List button
4 Delete button
5 Space button

- ▶ Use the joystick to select the first character of the desired city. Press ENT to confirm.

  The character appears in the text window **1**.
- ▶ To enter additional characters, repeat above step.

  If a character is not available, it will automatically be shaded out.
- ▶ To correct the last character, use the joystick to select "Delete" **4** and press ENT.
- ▶ After you enter the city name, use the joystick to select "List" **3** and press ENT.

or

▷▷

- ▶ Use the joystick to enter the first few characters of the city name, select "List" **3** and press ENT.
- ▶ Use the joystick to select the desired city name from the name list and press ENT.

  The Select Name menu appears.
- ▶ Use the joystick to select the desired destination and press ENT.

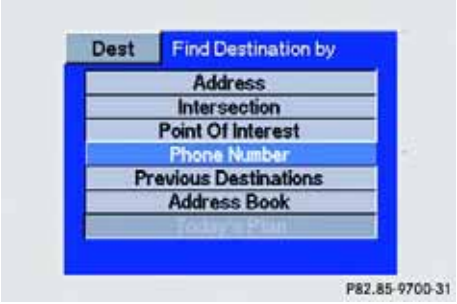
  The Confirm Destination menu appears.

Searching for a destination by phone number

If you know the phone number at your destination, use this function to find the corresponding address.

- Press NAVI MENU.

- Use the joystick to select "INPUT DESTINATION" and press ENT.



The Find Destination by menu appears.

- ▶ Use the joystick to select "Phone Number" and press ENT.

Entering a phone number to find a destination

- Use the joystick to select the first number of the desired phone number and press ENT.

or

- Use the number key pad to enter the number.

  The character appears in the number window.
- To enter additional numbers, repeat the above step.
- To correct the last number, use the joystick to select "Delete" and press ENT.
- After you enter the number, use the joystick to select "List" and press ENT.

or

- Use the joystick to enter the first few numbers of the phone number, select "List" and press ENT.
- Use the joystick to select the desired number from the list and press ENT.

  The Confirm Destination menu appears.

Searching for a destination in the address book

You can recall previously stored destinations you have added to your Address Book.

- Press NAVI MENU.

- Use the joystick to select "INPUT DESTINATION" and press ENT.

  The Find Destination by menu appears.

▶ Use the joystick to select "Address Book" and press ENT.

  The Select Name menu appears.

▶ Use the joystick to change the folder, select "Select Folder" and press ENT.

▶ Using the joystick, select the desired folder and press ENT.

  Your personal entries are listed in alphabetical order.

▶ Use the joystick to scroll through the list. Select the desired destination and press ENT.

  The Confirm Destination menu appears.

Searching for a destination from Previous Destinations

You can recall a destination if it is among the twenty most recent route calculations.

- Press NAVI MENU.

- Use the joystick to select "INPUT DESTINATION" and press ENT.

  The Find Destination by menu appears.

▶ Use the joystick to select "Previous Destinations" and press ENT.

  A list of the 20 most recent destinations is displayed.

Dest
Select Address
789 S WESTERN AVE, GARDENA, CA
963 S WESTERN AVE, LOS ANGELES, C
234 TORRANCE BLVD, REDONDO BEAC
567 TORRANCE BLVD, TORRANCE, CA
600 TORRANCE BLVD, TORRANCE, CA
714 TORRANCE BLVD, TORRANCE, CA
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▶ Use the joystick to select the desired destination and press ENT.

  The Confirm Destination menu appears.

Selecting a destination using the map

- If you are not in the map mode, press any softkey ● in the navigation mode.

  The softkeys are activated.

- Press the softkey ● "MAP".

  The map and the vehicle's current position icon are displayed.

- Move the joystick.

  The map cursor moves on the map.

- Use the joystick to move the map cursor to the desired destination.

P82.85-9575-31

- If you have found the desired destination, press ENT.

  The closest street segment or point of interest to the selected destination is highlighted and the name appears on the display.

- If this destination is acceptable, press ENT.

  The Confirm Destination menu will appear.

or

- If this destination is not acceptable, move the map cursor to the desired destination.

  For a detailed view, press # ZOOM +.

Confirming a Destination

Once the complete address is entered, the Confirm Destination menu appears.

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▶ You can select following options:

- "MAP"

  This option returns you to the map and your currently selected destination is displayed.

- "OK to Proceed"

  The MCS calculates the route.

- "Options"

  There are different methods by which you can save and calculate destinations. This option displays all methods and options.

- "Add as Stopover to Route"

  This option allows you to add a stopover to your current route.

▶ Use the joystick to select the desired option and press ENT.

Map

If you select this option, you return to the map and your currently selected destination is displayed.

To return to the Confirm Destination menu press ENT.

OK to proceed

The map is displayed and the MCS calculates the route.

Options

▶ The following additional options are available to save your destination or calculate your route:

- "Add to Today's Plan"

  The address is added to the today's plan (▷ page 125).

- "Save in Address Book"

  The address is saved in the address book (▷ page 120).

- "Change Routing Method"

  Allows you to change the routing method.

- "Quickest Route": The MCS calculates the shortest and most efficient way to arrive at your destination.

- "Maximize Freeways": The MCS calculates a route that makes the most efficient use of the freeways.

- "Minimize Freeways": The MCS calculates a route that uses mostly county and local roads.

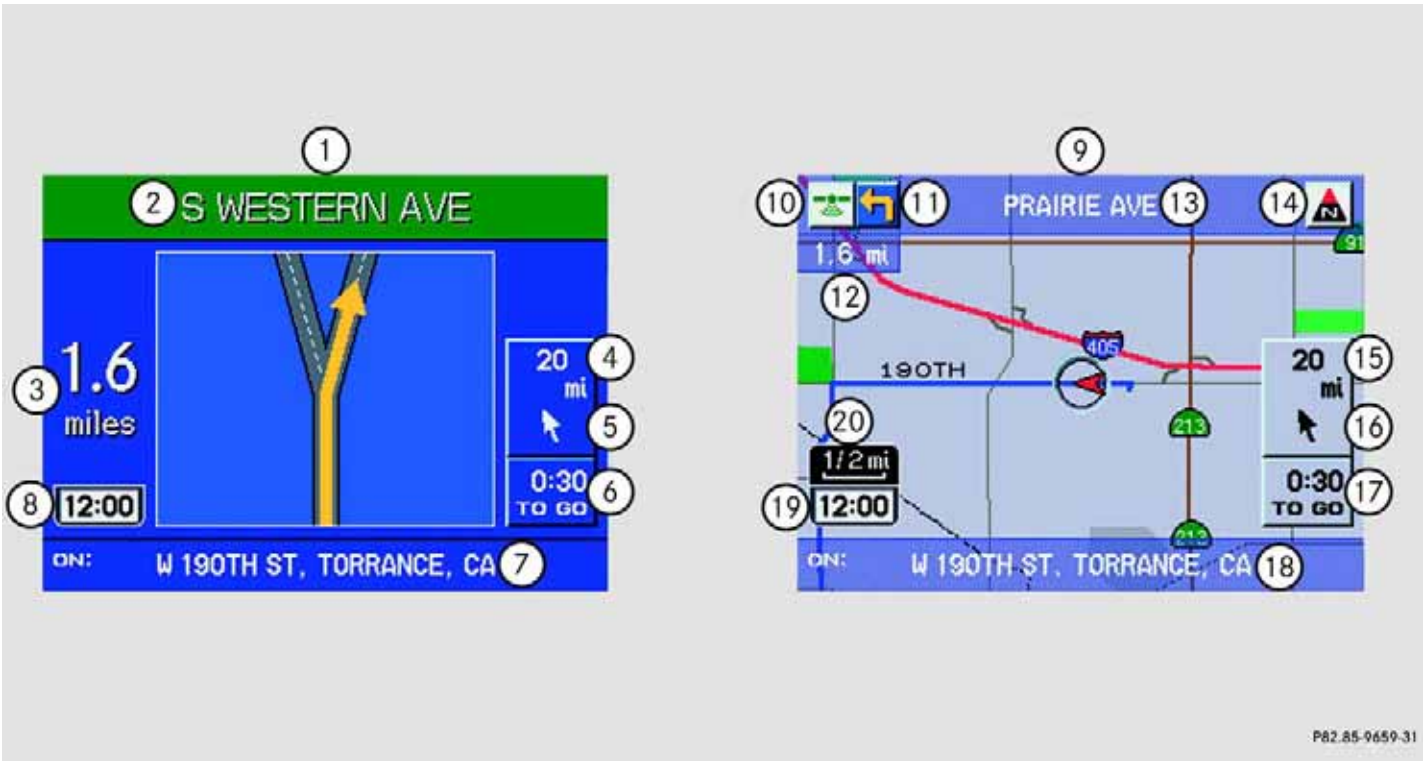
- "Minimize Toll Roads": The MCS calculates a route that uses the least number of toll roads enroute to the destination.

▶ Use the joystick to select the desired option and press ENT.

Route guidance

Route guidance

Route guidance principles



	Function
1	Maneuver screen
2	Name of the street onto which you should turn
3	Distance to next maneuver
4	Distance to the destination
5	Direction to the destination
6	Estimated remaining driving time to the destination or Estimated arrival time at the destination

	Function
7	Current road and city name
8	Current time
9	Detailed map display
10	GPS signal strength icon
11	Next maneuver icon
12	Distance to next maneuver
13	Name of street onto which you should turn
14	Compass icon indicates the direction North

	Function
15	Distance to the destination
16	Direction to the destination
17	Estimated remaining driving time to the destination or Estimated arrival time at the destination
18	Current road and city name
19	Current time
20	Zoom scale

Route guidance

After you select the destination and the route is calculated, the navigation system uses both pictorial displays and voice prompts to guide you to the destination.

When the route is calculated, the display switches to the map mode or to the maneuver screen.

The system announces “Proceed to the highlighted Route” and the display shows “Please Proceed”. The route is now in progress.

After entering the destination, you can change to an audio source. If you have selected the Hybrid or Arrow mode (▷ page 131), the Guidance Display comes up when a maneuver is started. The voice instructions are announced simultaneously.

While the system is guiding you on your route, you can be manually change the display between modes. The Guidance Display mode shows an arrow indicating the next maneuver.

Press the joystick to the right to preview the next maneuver. Press the joystick to the left to return to the current maneuver.

The Detailed Map display shows a moving map with the recommended route highlighted in blue.

Press the softkey ● "MAP" to change the display. To activate the softkeys, press any softkey.

Voice instructions announce all maneuvers. The instructions are announced before a maneuver is required. For example, you may hear an announcement, "In one half mile, make a right turn".

When it is time to perform the maneuver, you will hear an announcement, "Right turn ahead."

To repeat the verbal announcement, press the NAVI VOICE key.

To set the volume (▷ page 16).

To mute the voice instructions (▷ page 114).

Press the softkey ● "LIST" to display the maneuver list. To activate the softkeys, press any softkey.

To preview the arrow guidance screen for a particular maneuver, use the joystick to scroll down the list and select a maneuver and press ENT.

Press softkey ● "MAP" to return to the original guidance screen or wait 10 seconds and the display automatically returns to the original guidance screen.

If you programmed the address and name, they are displayed when you reach your final destination.

Muting voice instructions

Activate the softkeys by pressing any softkey. Press the softkey ● “MUTE.” to mute the voice instructions. The softkey “MUTE” is highlighted.

To cancel the mute function, press the highlighted softkey ● “MUTE”.

If you press NAVI VOICE, the system gives the current voice instruction even when “MUTE” is switched on.

Altering the map scale

You can increase or decrease the level of detail in the map mode.

- ▶ Press # ZOOM + to zoom in (increase detail)
- ▶ Press * ZOOM - to zoom out (decrease detail).

Adding a stopover to the route

Whenever a destination is set and calculated, the system allows you to create a stopover along the way.

▶ Start route guidance.

▶ Enter a desired stopover destination.

▶ In the Confirm Destination menu, select “Add as Stopover to Route” and press ENT.

The desired destination is added to the route.

Cancelling the current destination

▶ To activate the softkeys, press any softkey.

▶ Press the softkey ● “STOP”.

A window appears confirming the stop request.

▶ If you wish to delete the current destination, use the joystick to select “YES” and press ENT.

The current destination is cancelled.

or

▶ If you don’t wish to continue:

- Use the joystick to select “NO” and press ENT
- Press CLEAR.
- Wait 10 seconds

The stop request is cancelled.

Changing the route calculation mode during guidance

- Press NAVI MENU.

- Use the joystick to select “ROUTE FUNCTIONS” and press ENT.

The Route Select menu appears.

- Use the joystick to select "Change Current Method" and press ENT.

  The Change Current Method menu appears.

▶ Use the joystick to select one of the following routing methods.

- "Quickest Route": The MCS calculates the shortest and most efficient way to arrive at your destination.
- "Maximize Freeways": The MCS calculates a route that makes most efficient use of the freeways.
- "Minimize Freeways": The MCS calculates a route that uses mostly county and local roads.
- "Minimize Toll Roads": The MCS calculates a route that uses the least number of toll roads.

▶ After selection press ENT.

The MCS automatically returns to the detailed map display.

Viewing the maneuver list during guidance

You can display the Maneuver List during route guidance to preview upcoming turns and street names.

- Use the joystick to select "ROUTE FUNCTIONS" and press ENT.

▶ To activate the softkeys, press any softkey.

▶ Press the softkey ● "LIST".

The Maneuver List menu appears.

▶ To preview a specific maneuver, use the joystick to select a street name/ maneuver and press ENT.

The maneuver screen for the selected maneuver appears on the display.

▶ To return to the Guidance mode, press the softkey ● "MAP".

or

▶ Wait 10 seconds and the system will automatically return to the Guidance mode.

Avoiding a road

- Press NAVI MENU.

- Use the joystick to select "ROUTE FUNCTIONS" and press ENT.

The Route Select menu appears.

- Use the joystick to select "Avoid Road" and press ENT.

  The Avoid Road menu appears.

- Use the joystick to select the streets you want to avoid and press ENT.
- After you select all the streets you want to avoid, use the joystick to select "OK to proceed" and press ENT.

  The MCS returns to the Route Select menu and recalculates the route.

When you are traveling on an expressway or a freeway, the system calculates a new route avoiding the current road for a distance of five miles. On county and local roads, the system calculates a new route avoiding the current road for a distance of one mile.

Detour function

If you need the navigation system to detour an obstacle during route guidance, you can automatically request a new route.

▶ To activate the softkeys, press any softkey.

▶ Press the softkey ● "DETR".

A window appears confirming the stop request.

▶ If you wish to detour, use the joystick to select "YES" and press ENT.

The MCS recalculates the route taking the detour into consideration.

or

▶ If you wish to cancel the detour:

- Use the joystick to select "NO" using the joystick and press ENT.
- Press CLEAR.
- Wait 10 seconds

The detour request is cancelled.

When you are traveling on an expressway or a freeway, the system calculates a new route avoiding the current road for a distance of five miles. On county or local roads, the system calculates a new route avoiding the current road for a distance of one mile.

Destination memory

Address book

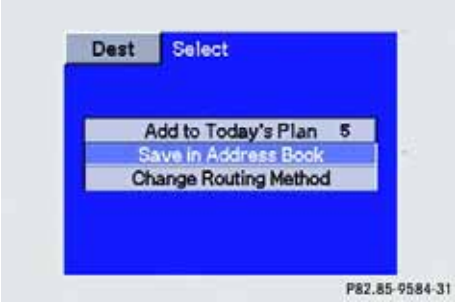
You can store up to 300 addresses alphabetically in the address book. You can also create up to 10 custom address book folders.

Saving a destination in the Address Book

Whenever you select and enter a destination, the system allows you to save the address.

▶ In the Confirm Destination menu, use the joystick to select "Options" and press ENT.

The Options menu appears.



▶ In the options menu, use the joystick to select "Save in Address Book" and press ENT.

The Save in Address Book menu appears.

- ▶ Use the joystick to select the first character of the name and press ENT.

  The character appears in the text window. Use the joystick to spell out the name as you would like to see it in the address book.
- ▶ To enter additional characters, repeat above step.
- ▶ To correct the last character, use the joystick to select “Delete” and press ENT.

The Point of Interest name automatically appears in the Input Name display. Use the joystick to select “Delete” if you want to completely erase and replace the name.

- ▶ If you don’t wish to save the address, press CLEAR.

or

- ▶ When the new name is completely spelled out, use the joystick to select “Done” and press ENT.

  The Input Phone Number menu appears.
- ▶ You can enter the phone number of the destination. Use the joystick to elect the first number of the desired phone number and press ENT.

or

- ▶ Use the number keypad to enter the number.

  The number appears in the number window.
- ▶ To enter additional numbers, repeat the above step.
- ▶ To correct the last character, use the joystick to select “Delete” and press ENT.
- ▶ After you have entered the phone number, use the joystick to select “Save” and press ENT.
- ▶ If you don’t want to enter a phone number, press ENT.

  The name and address are now stored in the Address Book.

Editing the Address Book

You can change the name or phone number of your saved addresses. You can also add a new folder or rearrange existing folders.

Editing folders

▶ Press NAVI MENU.

▶ Use the joystick to select "EDIT ROUTE LISTS" and press ENT.

The Edit Select menu appears.

▶ Use the joystick to select "Edit Address Book" and press ENT.

The Edit Address Book menu appears.

▶ Use the joystick to select "Select Folder" and press ENT.

The Select Folder menu appears.

▶ You can select from the following options:

- Add a new folder
- Change a folder name

or

- Delete a folder

Adding a new folder:

- Use the joystick to select "Edit Folders" and press ENT.

  The Edit Folders menu appears.
- Select "Add New Folder" and press ENT.

  The Input Folder Name menu appears.
- Use the joystick to select the first character of the name and press ENT.

  The character appears in the text window. Use the joystick to spell out the name as you would like to see it in the address book.
- To enter additional characters, repeat the above step.
- To correct the last character, use the joystick to select "Delete" and press ENT.
- When the folder name is spelled out completely, use the joystick to select "Done" and press ENT.

Change folder name:

- Use the joystick to select the desired folder and press ENT.

  The Confirm Folder Name menu appears.
- Select "Change Folder Name" and press ENT.
- Use the joystick to select the first character of the name and press ENT.

  The character appears in the text window. Use the joystick to spell out the name as you would like to see it in the address book.
- To enter additional characters, repeat the above step.
- Use the joystick to correct the last character, select "Delete" and press ENT.
- When you have completely spelled out the folder name, use the joystick to select "Done" and press ENT.

Deleting a folder:

- ▶ Use the joystick to select the desired folder and press ENT.

  The Confirm Folder Name menu appears.
- ▶ Select "Delete" and press ENT.
- ▶ A pop up menu appears and asks you if you want to delete this folder. Select "Yes" to delete the folder or "No" to cancel.
- ▶ Press ENT.

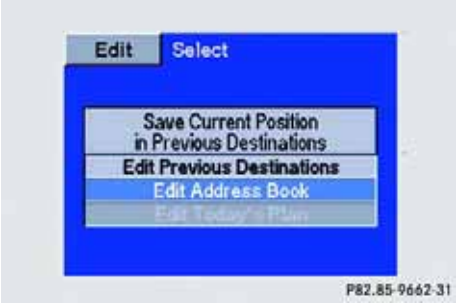
> If you delete a folder, all addresses stored in that folder are deleted.

Editing addresses

- ▶ Press NAVI MENU.

- ▶ Use the joystick to select "EDIT ROUTE LISTS" and press ENT.

  The Edit Select menu appears.



- ▶ Use the joystick to select "Edit Address Book" and press ENT.

  The Edit Address Book menu appears.

- ▶ Use the joystick to select the desired address and press ENT.

▶ You can select from the following options:

- "Return"

  Returns you to the previous menu.

- "Change Name"

  Changes the name of the address (▷ page 121).

- "Change Phone Number"

  Changes the phone number of the address (▷ page 121).

- "Delete"

  Deletes the address from your address book.

  A pop up menu appears and asks you if you want to delete all. Select "Yes" if you want to delete all addresses or "No" to cancel.

  Press ENT.

- "Folder"

  Moves your address to another folder.

  A menu appears that displays all available folders. Select the desired folder and press ENT.

▶ Use the joystick to select the desired option and press ENT.

Today's plan

This function helps you find the most efficient route if your travels require stops at multiple locations. You can store up to 10 separate destinations in Today's Plan.

Adding a destination to Today's Plan

Whenever you select and enter a destination, the system allows you to add the destination to Today's Plan.

▶ In the Confirm Destination menu, use the joystick to select "Options" and press ENT.

The Options menu appears.

▶ In the Options menu, use the joystick to select "Add to Today's Plan" and press ENT.

The Today's Plan list is displayed and the added destination is highlighted.

Press ENT, the system returns to the Find Destination menu. You can now enter a destination to add additional entries to Today's Plan.

Using Today's Plan

▶ Press NAVI MENU.

▶ Use the joystick to select "INPUT DESTINATION" and press ENT.

The Find Destination by menu appears.

▶ Use the joystick to select "Today's Plan" and press ENT.

▶ Use the joystick to select one of the following sorting methods and press ENT.

- "In Order": The MCS routes you to each destination in order in which you entered them.
- "Shortest Trip": The MCS routes you to each destination in the most efficient order.

The Confirm Destination menu will appear.

Editing Today's Plan

If you wish to delete a destination from Today's Plan,

▶ Press NAVI MENU.

▶ Use the joystick to select "EDIT ROUTE LISTS" and press ENT.

The Edit Select menu appears.

▶ Use the joystick to select "Edit Today's Plan" and press ENT.

The Select Address menu appears.

▶ If you want to delete all destinations, use the joystick to select "Delete All" and press ENT.

The Select Address menu appears. ▷▷

- A pop up menu appears and asks you if you want to delete all. Select "Yes", if you want to delete all, or "No" to cancel.
- Press ENT.

or

- Use the joystick to select the desired destination and press ENT.

  The Select Address menu appears.
- Press ENT to delete the destination.

or

- If you don't want to delete the destination, press CLEAR.

Saving the current vehicle position

You can save the current vehicle position as a destination in the Previous Destination list.

- Press NAVI MENU.

- Use the joystick to select "EDIT ROUTE LISTS" and press ENT.

  The Edit Select menu appears.

- Use the joystick to select "Save Current Position in Previous Destinations" and press ENT.

  The vehicle position is saved as a destination in the Previous Destination list.

Editing the Previous Destination list

This feature allows you to delete destinations from the previous destination list.

▶ Press NAVI MENU.

▶ Use the joystick to select "EDIT ROUTE LISTS" and press ENT.

The Edit Select menu appears.

▶ Use the joystick to select "Edit Previous Destination" and press ENT.

The Previous Destination list menu is displayed.

You can now delete individual destinations or all destinations.

Delete individual destinations

▶ Use the joystick to select the desired destination and press ENT.

A menu with the desired address appears.

▶ Press ENT to delete the destination.

The destination is deleted.

or

▶ If you don't want to delete the destination, press CLEAR.

Delete all destinations

▶ Use the joystick to select "Delete all" and press ENT.

▶ A pop up menu appears and asks you if you want to delete all. Select "Yes", if you want to delete all, or "No" to cancel.

▶ Press ENT.

Settings

Voice prompt frequency

The MCS allows you to change the frequency of voice prompts used to guide you to your destination.

- Press NAVI MENU.

- Use the joystick to select "SYSTEM SETUP" and press ENT.

  The Setup Select menu appears.

- Use the joystick to select "Guidance Setup" and press ENT.

  The Guidance Setup menu appears.

- Use the joystick to select "Voice prompt" and press ENT.

  The Voice Prompt menu appears.

The volume of the navigation voice prompt can only be adjusted during active route guidance. Turn the rotary push button during an announcement, or press Navi Voice to repeat the current/last voice instruction and turn the rotary push button during the announcement.

During an announcement, the volume of the audio source is lowered automatically.

▶ Use the joystick to select one of the following voice prompt frequency modes and press ENT.

- "Min": A beep tone will be heard when approaching a maneuver.
- "Normal": Voice instructions are announced shortly before approaching a maneuver. In addition, voice instructions are announced 1/2 a mile before a maneuver when travelling on local or county roads and 1 mile before a maneuver on freeways or expressways.
- "Max": Voice instructions accompanied by a beep tone are announced at all maneuver locations. In addition, voice instructions are announced 1/2 a mile before a maneuver when travelling on local or county roads and 1 mile before a maneuver on freeways or expressways. Once a maneuver is complete, the distance to the next maneuver is announced.

▶ To save the settings, use the joystick to select "Return" and press ENT.

Selecting the guidance display

The MCS allows you to choose between three distinct guidance displays.

- Press NAVI MENU.

- Use the joystick to select "SYSTEM SETUP" and press ENT.

  The Setup Select menu appears.

- Use the joystick to select "Guidance Setup" and press ENT.

  The Guidance Setup menu appears.

▶ Use the joystick to select "Guidance" and press ENT.

The Guidance menu appears.

▶ Use the joystick to select one of the following guidance modes and press ENT.

- "Hybrid": The basic guidance screen is displayed during a maneuver. Once the maneuver is complete, the MCS returns to the detailed map display or the respective audio display.
- "Arrow": The Basic Guidance screen is displayed at all times.
- "Map": The Detailed Map screen is displayed at all times.

▶ Use the joystick to save the settings, select "Return" and press ENT.

Selecting the estimated time displayed

The MCS allows you to display either the estimated arrival time at, or the remaining time to your destination.

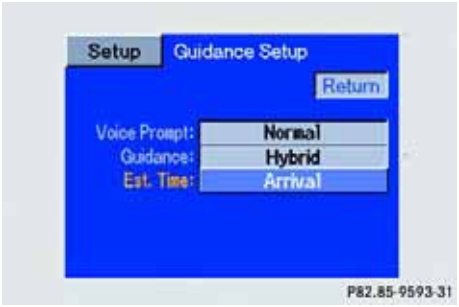
- Press NAVI MENU.

- Use the joystick to select "SYSTEM SETUP" and press ENT.

  The Setup Select menu appears.

- Use the joystick to select "Guidance Setup" and press ENT.

  The Guidance Setup menu appears.



- Use the joystick to select "Est.Time" and press ENT.

  The Est. Time setup menu appears.

- Use the joystick to select one of the following estimated time modes and press ENT.
  - "Arrival": The estimated arrival time at your destination is displayed.
  - "Remaining": The remaining time to your destination is displayed.

- To save the settings, select "Return" and press ENT.

Selecting which Point of Interest icons are displayed

The MCS allows you to display 3 different Point of Interest icons when the detail map display has been selected.

- Press NAVI MENU.

- Use the joystick to select "SYSTEM SETUP" and press ENT.

  The Setup Select menu appears.

- Use the joystick to select "Display Setup" and press ENT.

  The Display Setup menu appears.

▶ Use the joystick to select "POI Icon" and press ENT.

  The POI Icon menu appears.

▶ Use the joystick to select one of the following POI modes and press ENT.

- "Show": The selected POI icons are shown when you select the detail map display.
- "Hide": No POI icons are displayed.
- "Edit": Allows you to select which POI icons are displayed.

▶ To save the settings, use the joystick to select "Return" and press ENT.

When you move the Present Vehicle Position icon to any of the visible POI icons and press ENT, the name, address, and phone number respective of the POI icon will be displayed.

Editing POI icons

If you select "Edit" a list of 6 icons appears. Use the joystick to select up to 3 of the following icon types. After selecting each icon, press ENT.

- "ATM"
- "Bank"
- "Gas Station"
- "Hotel"
- "Parking"
- "Restaurant" and type of restaurant

Setting map and screen orientation

You can set the map display so that north is always referenced towards the top of the display or the Present Vehicle Position icon is always pointing towards the top of the screen.

▶ Press NAVI MENU.

▶ Use the joystick to select "SYSTEM SETUP" and press ENT.

The Setup Select menu appears. ▷▷

- Use the joystick to select "Display Setup" and press ENT.

  The Display Setup menu appears.

▶ Use the joystick to select "Orientation" and press ENT.

The Orientation menu appears.

▶ Use the joystick to select one of the following orientation modes and press ENT.

- "Heading Up": The Map display rotates such that the Present Vehicle Position icon is always pointing toward the top of the screen.
- "North Up": The Map display always shows the map with north facing toward the top of the screen. The Present Vehicle Position icon rotates on the map.

▶ To save the settings, use the joystick to select "Return" and press ENT.

Info Services

Info Services

The following chapter provides detailed information on how to:

- Request and display Info Services*

> This function is not available in some countries.

- Switch between the light and the dark mode
- Set the display dimming characteristics
- Select the language/unit of measure
- Set time
- View system information

If you have not already done so, please familiarize yourself with these functions by reading the chapter "At a glance" (▷ page 9).

Requesting and displaying Info Services*

When subscribed to Info Services, you can download information directly to your MCS. You can select from news, weather, sports, stocks, and calendar reminders.

To personalize your selections, visit

- www.MBUSA.com

or call

- 1-800-FOR-MERCedes.

> Before you can receive Info Services, you must activate Tele Aid at the Response Center and select the Info Services option.

▶ Press **SVC**.

The info service menu appears and the last information the MCS received is displayed.

If no information is stored, the message "NO INFORMATION STORED IN MEMORY PLEASE UPDATE" appears.

▶ To retrieve information or update the existing information, press the softkey ● "UPDT".

If Info Services can not be retrieved, one of the following error messages is displayed:

- "DATA CONNECTION CANNOT BE ESTABLISHED" - request has failed because the Response Center can not be accessed.
- "TELE AID PLEASE VISIT WORKSHOP" - a hardware error has been detected. Contact your authorized Mercedes-Benz Center.
- "INFO SERVICE NOT ACTIVATED" - Info Services is not activated. You must activate Tele Aid at the Response Center and select the optional Info Services.

If one of the above error messages is displayed, press the softkey ● "RTN" to return to Info Services display.

After new information has been downloaded, the message "NEW INFO RECEIVED READ LATER WHEN STOPPED" appears.

- ▶ By pressing the softkey ● "YES", you switch back to the current background audio mode (e. g. radio mode).
- ▶ By pressing the softkey ● "NO", the new information is displayed immediately.

Warning

A driver's attention to the road must always be his/her primary focus when driving.

For your safety and the safety of others, we recommend that you pull over to a safe location and stop the vehicle before requesting or receiving any info services.

- ▶ With the softkeys ● ▲ and ▼ or with the joystick you can flip to the next or previous page.
- ▶ To exit the info service mode, switch to the radio, tape or CD mode, or switch off the MCS.

System settings

System settings

Switching between the light and the dark mode

When the parking lights are turned on, the display switches to the dark mode and automatically dims the display.

Audio mode

- Press the softkey ● "ADJ" in any audio menu.

  The main audio adjust menu appears and the current settings are displayed.

- If you want to switch to the light mode, press the softkey ● "LGHT".

or

- If you want to switch to the dark mode, press the softkey ● "DARK".

Navigation mode

- Press any softkey ● in the navigation mode.

  The softkeys are activated.

- If you want to switch to the light mode, press the softkey ● "LGHT".

or

- If you want to switch to the dark mode, press the softkey ● "DARK".

Adjusting the brightness in the dark mode

You can adjust the display brightness of your MCS in conjunction with your vehicles instrument clusters illumination.

Please refer to your Operator's Manual for additional instructions.

Setting the display dimming characteristics

You can set the monitor's dimming characteristics for the navigation mode.

▶ Press NAVI MENU.
Use the joystick to select the menu "SYSTEM SETUP" and press ENT.

▶ Select the "Display Setup" menu by pushing the joystick up or down and press ENT.

The display menu appears with the current settings.

▶ Select the "Map Color" menu by pushing the joystick up or down and press ENT.

You can select from 3 display dimming modes:

- "Day" mode: The display colors are always bright.
- "Night" mode: The display colors are always dark.
- "Auto" mode: The display switches automatically between Night and Day mode when the parking lights are turned on and off.

▶ After selecting the mode, press ENT.

▶ To return to the setup mode, use the joystick to select "Return" and press ENT.

Selecting the language and unit of measure

The language affects the menu text displays and the voice output during route guidance.

The selectable languages depend on the MCS unit installed and the navigation DVD inserted.

▶ Press NAVI MENU.
Use the joystick to select the menu "SYSTEM SETUP" and press ENT.

▶ Select the "Language/Unit" menu by pushing the joystick up or down and press ENT.

The Language/Unit menu appears and the current settings are displayed.

▶ Select the desired language by pushing the joystick up or down and press ENT.

▶ Certain languages allow you to select the unit of measure, e. g. US or metric.

▶ After selecting the unit of measure, press ENT.

▶ To return to the setup mode, use the joystick to select "Return" and press ENT.

Integrated clock adjustment

The MCS is equipped with an integrated clock that can be displayed in the navigation menu.

> The clock can display either the estimated time of arrival or time remaining to your destination. See (▷ page 133).

▶ Press NAVI MENU.
Use the joystick to select the menu "SYSTEM SETUP" and press ENT.

▶ Use the joystick to select the "Clock Adjustment" menu by and press ENT.

The Clock Adjustment menu appears and the current settings are displayed.

Enter time zone

▶ Use the joystick to select the "Time Zone" menu and press ENT.

▶ You can select:

- The time zone.
- Auto adjust.

  The MCS automatically changes the clock depending on the time zone you are in.

▶ Use the joystick to select the desired mode by and press ENT.

Enter time

- ▶ Use the joystick to select the "Time" menu and press ENT.
- ▶ You can select:
  - "Standard" time
  - "Daylight" saving

    The MCS automatically changes the time one hour forward.
- ▶ Use the joystick to select the desired mode and press ENT.

Show or hide time

- ▶ Use the joystick to select the "Clock" menu and press ENT.
- ▶ You can select:
  - "Show"

    The time is displayed in the navigation mode.
  - "Hide"

    The time is not displayed in the navigation mode.
- ▶ Use the joystick to select the desired setting and press ENT.
- ▶ After you select the desired mode, use the joystick to select "Return" and press ENT.
- ▶ The setup menu appears.

System information

You can view DVD-ROM version information. Use this information if you are requesting help from your Mercedes-Benz Center.

▶ Press NAVI MENU.
Use the joystick to select the menu "SYSTEM SETUP" and press ENT.

▶ Use the joystick to select the "System Information" menu and press ENT.

The DVD-ROM version is displayed.

▶ Press ENT.

The setup menu appears.

Service and Literature

Your authorized Mercedes-Benz Center has trained technicians and original Mercedes-Benz parts to service your vehicle equipment properly. For expert advice and quality service, see your authorized Mercedes-Benz Center.

If you are interested in obtaining service literature for your vehicle equipment, please contact your authorized Mercedes-Benz Center. We consider this the best way for you to obtain accurate information for your vehicle equipment.

For further information, you can find us on the Mercedes-Benz site at *www.mbusa.com*.

Warning!

To help avoid personal injury, be extremely careful when performing any service work or repairs. Improper or incomplete service or the use of incorrect or inappropriate parts or materials may damage the vehicle equipment, which may in turn result in personal injury.

If you have any question about carrying out any services, please seek the advice of an authorized Mercedes-Benz Center.

We reserve the right to modify the technical details of the MCS as given in the data and illustrations of this Operator's Manual. Reprinting, translation and copying, even of excerpts, is not permitted without prior authorization in writing.

Press time 10/15/2002
GSP/SIP
Printed in Germany